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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1907



# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1907, and a Statement of the Births and Marriages for the Month of December, 1906.*

**Total estimated population of the State, 1,005,854.**

[illegible]

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Greenwich, 2; in Hartford, 65; in Meriden, 16; in Middletown, 16; in New Haven, 53; in Norwich, 3; and in Stamford, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Avon, Barkhamsted, Beacon Falls, Bozrah, Bridgewater, Canaan, Chaplin, Chester, Columbia, Killingworth, Marlborough, Morris, Pomfret, Saybrook, Scotland, Union, Voluntown, Willington, Wolcott.—Total, 19.

The Registrars of the following towns have made no report for January: Ashford, Bolton, Brookfield, Essex, Ledyard, Lisbon, Middlefield, Newtown.—Total, 8.

# REMARKS.

By mortality reports received there were 1679 deaths during the month of January. This was 198 more than in December and 339 more than in January of last year, and 322 more than the average number of deaths during January for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,679	1,340	1,412	1,440	1,420	1,172

The death rate was 20.5 for the large towns, for the small towns 19.1, and for the whole state 20.2.

The deaths reported from infectious diseases were 307, being 18.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Stamford (city), 1.

**Measles.**—Andover, 1; Ansonia, 31; Bozrah, 1; Branford (town and borough), 3; Bridgeport, 44; Burlington, 2; Chaplin, 1; Derby, 1; East Windsor, 3; Ellington, 2; Enfield, 4; Fairfield, 15; Guilford, 1; Hamden, 1; Hartford, 10; Harwinton, 1; Huntington, 1; Jewett City (borough), 3; Mansfield, 4; Meriden (city), 1; Monroe, 4; Naugatuck, 2; New Haven, 10; North Branford, 1; Norwalk (city), 15; Norwich (city), 1; Pomfret, 1; Shelton (borough), 1; Sherman, 2; Southbury, 1; Stamford (city), 20; Stamford (town), 3; Suffield, 6; Trumbull, 2; Wallingford, 3; Waterbury, 11; Watertown, 1; West Haven (borough), 10; Woodbridge, 6.—Total, 219 in 38 towns.

**Scarlet Fever.**—Ansonia, 2; Beacon Falls, 1; Bloomfield, 1; Branford (town and borough), 3; Bridgeport, 18; Brooklyn, 1; Danbury (city), 4; Derby, 1; East Lyme, 2; East Windsor, 2; Fairfield, 1; Groton, 1; Hartford, 19; Huntington, 1; Manchester, 2; Meriden (city), 1; Middletown (city), 5; Naugatuck, 2; New Canaan (town and borough), 1; New Haven, 20; Newington, 3; New London, 6; Norwalk, 5; Norwich (city), 1; Norwich (town), 5; Oxford, 1; Plainfield, 1; Plainville, 1; South Norwalk (city), 14; Sprague, 1; Stafford, 1; Stamford (city), 6; Stamford (town), 2; Stratford, 1; Suffield, 13; Thompson, 19; Wallingford, 2; Waterbury, 5; West Hartford, 2; West Haven (borough), 1; Westport, 3; Windsor, 1; Winsted (borough), 8.—Total, 193 in 40 towns.

**Cerebro Spinal Fever.**—Milford, 2.

**Diphtheria and Croup.**—Berlin, 1; Branford (town and borough), 3; Bridgeport, 23; Cromwell, 1; Danbury (city), 5; Derby, 1; East Hartford, 1; Enfield, 4; Glastonbury, 2; Greenwich, 2; Hartford, 48; Harwinton, 3; Huntington, 1; Killingly, 1; Litchfield, 1; Manchester, 1; Meriden (city), 2; New Haven, 25; New London, 2; Norwalk (city), 1; Norwalk (town), 1; Plymouth, 2; Putnam, 2; Rocky Hill, 1; Salisbury, 1; Seymour, 6; Shelton (borough), 2; Southington, 4; Stamford (city), 6; Suffield, 1; Torrington (town and borough), 3; Wallingford, 6; Waterbury, 10; West Hartford, 1; Wethersfield, 2; Willimantic (city), 3; Windsor, 1; Winsted (borough), 5.—Total, 185 in 37 towns.

**Whooping Cough.**—Bridgeport, 4; Canaan, "few"; Canterbury, 2; Cheshire, 7; Danielson (borough), 1; East Windsor, "number"; Ellington, "epidemic"; Enfield, 3; Jewett City (borough), 45; Middletown (city), 22; New London, 1; North Stonington, 5+; Norwalk (city), 10; Plainfield, 2; Plainville, 1; Plymouth, 2; Putnam, 1; Rockville (city), 20+; Salisbury, "epidemic"; Sharon, 1; Sterling, 3; Waterbury, 1; Willimantic (city), 14.—Total, 145+ in 23 towns.

**Typhoid Fever.**—Bridgeport, 3; Brooklyn, 1; Derby, 1; East Windsor, 1; Farmington, 1; Hartford, 9; Killingly, 3; Lebanon, 1; New Haven, 10; New London, 1; Norfolk, 1; Norwalk (city), 2; Plymouth, 1; Putnam, 1; Seymour, 1; South Windsor, 1; Stamford (city), 2; Waterbury, 1.—Total, 41 in 18 towns.

**Consumption.**—Bridgeport, 3; East Haven, 1; Groton, 1; Hartford, 8; Meriden (city), 2; Middletown (city), 2; Naugatuck, 6; Norwich (city), 2; Saybrook, 1; Stamford (city), 1; Stratford, 3; Thomaston, 1; Wallingford, 3; Waterbury, 9; Watertown, 1; West Haven (borough), 1; Willimantic (city), 1; Woodbury, 1.—Total, 47 in 17 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Avon, Barkhamsted, Bethany, Bethel (town and borough), Bethlehem, Bolton, Bridgewater, Brookfield, Canton, Chatham, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Coventry, Danbury, Darien, Durham, Eastford, East Granby, East Haddam, Easton, Essex, Goshen, Griswold, Groton (borough), Hampton, Hartland, Hebron, Kent, Killingworth, Ledyard, Lisbon, Lyme, Madison, Marlborough, Meriden, Middlebury, New Fairfield, New Hartford, North Canaan, North Haven, Old Lyme, Old Saybrook, Orange, Portland, Prospect, Redding, Ridgefield (town and borough), Salem, Scotland, Simsbury, Somers, Stafford Springs (borough), Stonington (town and borough), Tolland, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, Weston, Willington, Wilton, Winchester, Windham, Wolcott, Woodstock—Total, 73.

All the Health Officers of New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Bristol (town and borough), Granby, New Britain (town and city), Windsor Locks.

NEW LONDON Co.—Franklin, Montville, Preston.

FAIRFIELD Co.—Newtown.

LITCHFIELD Co.—Morris, New Milford, Roxbury.

MIDDLESEX Co.—Middletown, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—No. Branford, 1.

**La Grippe.**—Andover, 1; Bloomfield, 1; Burlington, 1; Cheshire, 1; Colchester, 1; Colebrook, 1; Darien, 7; East Haddam, 1; East Windsor, 3; Ellington, 3; Fairfield, 1; Farmington, 1; Glastonbury, 2; Goshen, 1; Granby, 3; Guilford, 2; Hampton, 1; Hartland, 1; Harwinton, 1; Hebron, 1; Madison, 1; Montville, 1; New Fairfield, 1; Norfolk, 1; North Branford, 1; Plymouth, 1; Salisbury, 2; Seymour, 1; Sherman, 2; South Windsor, 1; Stafford, 1; Thomaston, 2; Tolland, 1; Washington, 1; Westport, 3.—Total, 54.

**Cerebro Spinal Fever.**—Milford, 1.

**Diphtheria and Croup.**—Burlington, 1; Plainfield, 1; Salem, 1.—Total, 3.

**Whooping Cough.**—Griswold, 1; Salisbury, 1.

**Consumption.**—Berlin, 1; Bethel, 3; Bloomfield, 1; Darien, 1; East Haven, 1; Fairfield, 1; Farmington, 1; Granby, 1; Griswold, 1; Guilford, 1; Madison, 1; New Canaan, 2; North Stonington, 1; Oxford, 1; Plainfield, 2; Portland, 1; Prospect, 1; Thomaston, 1; Watertown, 1; Westport, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	14	23	..	37
release.....	12	19	..	31
Tuberculosis.....	17	46	..	63
Typhoid Fever.....	2	11	..	13
Rabies.....	2	..	..	2
Total specimens examined.....				146
Samples of water analyzed.....				7

Prof. H. W. Conn, Director of the State Bacteriological Laboratory, announces in the following circular letter to Health Officers that he is now prepared to make examinations for rabies:

The prevalence of hydrophobia at the present time has made it desirable that the Health Officers of the various towns should have ready access to some means of diagnosis of this disease. For this reason arrangements have been made for this work at the State Bacteriological Laboratory, and we are now ready to undertake the detection of rabies from the brains of dogs that may be sent to us by Health Officers. When sent by the authorization of the Health Officers they will be examined without expense to the town beyond that of sending the specimen. In order that the results may be satisfactory and the reports sent promptly the following directions must be carefully read and accurately followed:

1. Where possible the animal should be confined and kept under observation until it dies. If it is killed in an early stage of the disease the diagnosis is difficult and uncertain and the results are not always reliable.

2. If the animal is killed it should not be shot through the head. The diagnosis of rabies is by the study of the brain and this is commonly impossible from specimens shot through the head since the brain is thus injured.

3. After the death of the animal the head is to be removed by cutting it from the body at the neck far enough back to leave the skull intact.

4. The skull is to be packed in ice and sent at once by express to The State Bacteriological Laboratory, Middletown, Ct.

5. Carefully fill out one of the cards which are enclosed, giving all possible information. New cards may be had at any time by application at this laboratory.

6. Expressage must in all cases be prepaid.

In most cases the diagnosis is rapid and can be reported on promptly. In some doubtful cases, however, it may require two or three weeks to reach a definite decision.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, February 15, 1907.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	48	37	42	0	Cloudy	0	30.23	30.71	31
2	43	33	38	0	Partly Cloudy	0	29.56		20
3	41	31	36	.17	Cloudy	0			
4	52	36	44	.18	Cloudy	0			
5	46	32	39	0	Cloudy	0			
6	46	28	37	0	Cloudy	0			
7	62	39	50	.10	Cloudy	0			
8	40	36	38	.18	Cloudy	0			
9	42	17	30	T	Cloudy	T			
10	32	15	24	0	Partly Cloudy	0			
11	43	31	37	0	Cloudy	0			
12	38	27	32	.42	Cloudy	3.5			
13	34	28	31	0	Cloudy	0			
14	33	27	30	.42	Cloudy	0.3			
15	38	20	29	T	Cloudy	T			
16	20	7	14	0	Cloudy	0			
17	10	-4	3	.20	Cloudy	3.0			
18	28	10	19	.03	Cloudy	0.1			
19	34	26	30	.48	Cloudy	1.5			
20	50	33	42	.01	Cloudy	0			
21	33	15	24	T	Partly Cloudy	T			
22	32	14	23	.20	Cloudy	3.5			
23	22	-2	10	0	Clear	0			
24	9	-9	0	0	Clear	0			
25	12	3	8	.22	Cloudy	1.8			
26	24	11	18	.31	Cloudy	2.3			
27	20	2	11	T	Partly Cloudy	T			
28	28	13	20	0	Clear	0			
29	29	8	19	T	Partly Cloudy	0			
30	31	12	22	.02	Partly Cloudy	0.4			
31	21	1	12	T	Partly Cloudy	0			
Mean	33.6	18.6	26.1						

ATMOSPHERIC PRESSURE.			
(Reduced to sea level; inches and hundredths.)			
Mean	30.23	highest	30.71 ; date 31
Lowest	29.56		date 20

TEMPERATURE.			
Highest	62°	date 7	lowest -9° ; date 24
Greatest daily range	25°		date 9
Least daily range	4°		date 8

MEAN FOR THIS MONTH IN			
1905	23°	1906	34° 1907 26°
Mean of this month for 3 years			27.6
Absolute maximum for this month for 3 years			62
Absolute minimum for this month for 3 years			-9
Average daily deficiency (-) of this month as compared with mean of 3 years			1.5

PRECIPITATION.			
Total this month			2.94
Snowfall			16.4
Greatest precipitation in 24 hours	0.49	date	19-20
Snow on the ground at end of month			5.0

TOTAL PRECIPITATION THIS MONTH IN			
1905	4.64	1906	2.69 1907 2.94
Average of this month for 3 years			3.42
Deficiency (-) of this month as compared with average of 3 years			0.48

WIND.			
Prevailing direction			N.
Total movement			4,683 miles
Average hourly velocity			6.3
Maximum velocity (for five minutes)	32 miles per hour,		
	from Southwest on 10th.		

WEATHER.			
Number of clear days			3
Partly cloudy			7
Cloudy			21
On which .01 inch, or more, of precipitation occurred			14

MISCELLANEOUS PHENOMENA (dates of).			
Auroras			None
Halos, solar			None
Halos, lunar			None
Hail			None
Sleet			14, 19
Fog			1, 19
Thunderstorms			4
*Frosts: light,		heavy,	killing,

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1907, and a Statement of the Births and Marriages for the Month of January, 1907.

Total estimated population of the State, 1,095,854.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Rhysselas.	Typhoid Fever.	Malarial Fever.	Periperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	14,084	38	1	10	22	18.7	5	3	31.8	—	—	—	2	—	3	—	—	—	—	—	—	—	3	1	2	1	2	—	8	
Branford, .....	6,453	10	3	4	7.4	1	1	50.0	30.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bridgeport, .....	84,274	245	9	86	133	18.5	23	18	30.7	1	3	6	2	4	2	—	—	—	—	—	—	1	2	12	31	11	16	9	32	
Bristol, .....	11,000	22	8	5	5.4	1	2	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Danbury, .....	19,475	27	2	10	33	19.1	2	1	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	3	11	1	6	1	2	8	
Derby, .....	9,106	21	12	10	13	1	1	30.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
East Hartford, .....	7,576	15	—	2	13	20.5	2	—	15.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Enfield, .....	6,400	15	—	16	5	9.3	—	—	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Groton, .....	13,396	25	1	10	19	17.0	7	4	57.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Greenwich, .....	6,215	13	—	5	7	13.5	1	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hamden, .....	5,072	7	1	3	2	4.6	1	—	50.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hartford, .....	95,822	219	2	67	130	13.3	13	1	10.7	—	—	2	—	—	—	—	—	—	—	—	—	—	—	10	17	1	8	20	7	
Uuntington, .....	6,510	6	1	1	9	16.5	5	—	55.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Killingly, .....	6,720	9	1	6	12	21.4	2	1	25.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Manchester, .....	12,028	20	2	8	7.9	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Meriden, .....	30,658	61	1	18	41	16.0	3	2	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Middletown, .....	18,853	37	—	22	47	19.0	5	—	10.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Naugatuck, .....	13,134	29	1	11	15	13.7	5	—	40.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New Britain, .....	33,720	101	8	31	46	16.3	10	5	32.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New Haven, .....	121,216	262	25	85	223	20.5	29	11	13.4	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New London, .....	10,822	42	4	16	49	24.2	5	4	22.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
New Milford, .....	5,336	6	—	2	8	17.9	1	—	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Norwalk, .....	21,243	34	3	10	34	19.2	4	1	14.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Norwich, .....	25,620	37	2	15	43	19.2	6	1	16.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orange, .....	8,476	18	—	5	8	11.3	—	—	25.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Punam, .....	7,850	11	1	5	5	7.6	—	—	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southampton, .....	6,123	14	—	5	12	23.5	2	—	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stamford, .....	20,720	52	3	22	48	27.7	12	4	37.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stonington, .....	9,353	20	—	3	11	14.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Thompson, .....	6,360	16	—	28	3	5.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Torrington, .....	16,300	35	—	26	7	13.9	5	1	31.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vernon, .....	8,290	15	—	6	7	10.1	1	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wallingford, .....	10,450	16	—	8	10	11.4	1	—	10.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Waterbury, .....	61,900	279	6	49	88	16.0	18	7	29.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wichester, .....	8,710	24	1	8	14	19.1	1	—	7.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Windham, .....	10,200	17	—	12	12	14.1	2	2	33.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total of the 36 above towns, .....	769,661	1818	73	603	1146	17.8	176	74	21.8	—	2	6	62	4	22	11	6	6	2	3	7	6	106	177	36	119	119	49	403	
128 towns of less than 5,000 inhabitants	230,863	398	9	104	363	18.8	39	12	14.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total reported from 164 towns, .....	999,924	2216	82	707	1509	18.1	215	86	19.9	—	2	7	107	5	28	14	6	6	2	5	9	7	128	246	50	161	151	60	515	
Population of towns not reporting, .....	5,930	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

The Mortality in Public Institutions of the State was: in Bridgeport, 18; in Danbury, 4; in Hartford, 48; in Meriden, 7; in Middletown, 21; in New Britain, 4; in New Haven, 51; in New London, 5; in Norwich, 8; and in Waterbury, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Andover, Barkhamsted, Bloomfield, Burlington, East Granby, Ledyard, Marlborough, Middlebury, Morris, New Fairfield, Newington, North Branford, Prospect, Roxbury, Union, Warren, Washington.—Total, 18.

The Registrars of the following towns have made no report for February: Brookfield, Hartland, Kent, Newtown.—Total, 4.

# REMARKS.

By mortality reports received there were 1509 deaths during the month of February. This was 185 less than in January and 274 more than in February of last year, and 226 more than the average number of deaths during February for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,694	1,340	1,412	1,440	1,420	1,172
February,	1,509	1,235	1,368	1,387	1,303	1,124

The death rate was 17.8 for the large towns, for the small towns 18.8, and for the whole state 18.1.

The deaths reported from infectious diseases were 303, being 20.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 18; Berlin, 9+; Bozrah, 2; Bridgeport, 47; Brookfield, 7; Derby, 3; East Windsor, 1; Fairfield, 3; Glastonbury, 2; Hartford, 3; Huntington, 10; Killingly, 1; Madison, 1; New Haven, 12; New Milford, 1; Plainville, 4+; Roxbury, 1; Shelton (borough), 3; Southbury, 3; Stamford, 2; Suffield, 11; Warren, 5; Waterbury, 5; West Haven (borough), 1; Westport, 2.—Total, 157+ in 24 towns.

**Scarlet Fever.**—Ansonia, 2; Branford (town and borough), 10; Bridgeport, 37; Brooklyn, 1; Cromwell, 1; Danbury (city), 10; Danbury (town), 1; East Hartford, 3; East Lyme, 1; East Windsor, 2; Ellington, 2; Enfield, 1; Farmington, 6; Greenwich (town and borough), 2; Groton (borough), 2; Hartford, 14; Manchester, 1; Meriden (city), 1; Middletown (city), 2; Naugatuck, 3; New Haven, 12; Newington, 2; New London, 3; Norwalk (city), 1; Norwalk (town), 3; Old Saybrook, 3; Seymour, 1; Somers, 1; South Norwalk (city), 1; Stratford, 1; Suffield, 3; Wallingford, 1; Waterbury, 8; Westport, 1; Winsted (borough), 1.—Total, 144 in 33 towns.

**Cerebro Spinal Fever.**—Granby, 1; New Haven, 1; Southington, 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 5; Bethany, 1; Bethel, 1; Branford, 1; Bridgeport, 12; Bristol, 3; Burlington, 1; Colchester, 1; Danbury (city), 1; Danbury (town), 1; Danielson (borough), 1; Ellington, 3; Greenwich, 1; Hartford, 11; Hartland, 1; Huntington, 2; Manchester, 1; Meriden (city), 1; Middletown, 3; Naugatuck, 1; New Haven, 15; North Haven, 1; Orange, 1; Salisbury, 1; Seymour, 6; Southington, 3; Suffield, 2; Thomaston, 1; Torrington (town and borough), 2; Wallingford, 2; Waterbury, 6; Watertown, 1; West Haven (borough), 1; Wethersfield, 2; Willimantic (city), 1; Windsor, 1; Winsted (borough), 4.—Total, 102 in 37 towns.

**Whooping Cough.**—Ashford, 4; Bridgeport, 1; Cheshire, 4; Ellington, "epidemic", Enfield, 6; Fairfield, 5; Hamden, "few cases", Huntington, 3; Lisbon, 20; Lyme, 15; Middletown (city), 5; North Stonington, 6+; Norwalk (city), 10; Putnam, 1; Rockville (city), 20+; Sterling, 3; Wallingford, "epidemic", Waterbury, 2; West Haven (borough), 2; Willimantic (city), 1.—Total, 106+ in 20 towns.

**Typhoid Fever.**—Ansonia, 1; Bristol, 4; Greenwich (town and borough), 2; Hartford, 6; New Haven, 3; New London, 1; Norwalk (city), 1; Sterling, 1; Thompson, 1; Wethersfield, 1; Woodbury, 1.—Total, 22 in 11 towns.

**Consumption.**—Ansonia, 1; Bloomfield, 1; Branford, 1; Bridgeport, 6; Cheshire, 1; Colchester, 1; Essex, 1; Hartford, 4; Killingly, 2; Meriden (city), 5; Middletown, 1; North Haven, 1; Norwalk, 1; Putnam, 1; Ridgefield, 2; Stratford, 2; Thomaston, 1; Wallingford, 4; Waterbury, 7; West Haven (borough), 1; Willimantic (city), 2; Wilington, 1.—Total, 47 in 22 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Bethlehem, Bolton, Bridgewater, Canaan, Canterbury, Canton, Chaplin, Chatham, Clinton, Colebrook, Columbia, Cornwall, Coventry, Darien, Durham, Eastford, East Granby, East Haddam, East Haven, Easton, Franklin, Goshen, Griswold, Groton, Guilford, Hampton, Hartwinton, Hebron, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Litchfield (town and borough), Mansfield, Marlborough, Meriden, Middlebury, Milford, Monroe, Montville, New Canaan, New Fairfield, New Hartford, Norfolk, North Branford, North Canaan, Norwich (city), Norwich (town), Oxford, Plymouth, Pomfret, Portland, Preston, Prospect, Redding, Ridgefield (borough), Rocky Hill, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, South Windsor, Sprague, Stafford, Stafford Springs (borough), Stonington, Tolland, Trumbull, Union, Vernon, Voluntown, Washington, Watertown, Westbrook, West Hartford, Weston, Wilton, Winchester, Windham, Windsor Locks, Wolcott, Woodstock.—Total, 86.

All the Health Officers of Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—New Britain (city and town).  
NEW HAVEN Co.—Beacon Falls.  
NEW LONDON Co.—Old Lyme.

\* Fifteen delayed certificates for January have been received since the publication of the last Bulletin.

FAIRFIELD Co.—Newtown.  
WINDHAM Co.—Plainfield.  
MIDDLESEX Co.—Chester, Haddam, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Bethany, 1.

**La Grippe.**—Canaan, 2; Chatham, 1; Colebrook, 1; Coventry, 1; Cromwell, 1; Darien, 2; Durham, 2; Eastford, 2; East Haven, 1; Easton, 1; East Windsor, 1; Essex, 1; Griswold, 1; Hebron, 1; Lisbon, 1; Mansfield, 1; Middlefield, 1; Milford, 1; Montville, 1; Old Lyme, 1; Old Saybrook, 1; Plainfield, 1; Portland, 5; Redding, 1; Salisbury, 2; Seymour, 1; Somers, 1; Stratford, 1; Voluntown, 1; Westport, 1; Willington, 1; Windsor, 1; Windsor Locks, 2; Woodbury, 1; Woodstock, 1.—Total, 45.

**Cerebro Spinal Fever.**—Darien, 1.

**Diphtheria and Croup.**—Ellington, 1; Goshen, 1; Salisbury, 1; Seymour, 2; Stratford, 1.—Total, 6.

**Whooping Cough.**—East Haddam, 1; Ellington, 1; Griswold, 1.—Total, 3.

**Consumption.**—Brooklyn, 1; Canton, 1; Cheshire, 1; Colchester, 2; East Lyme, 1; Essex, 3; Griswold, 1; Litchfield, 1; Mansfield, 1; Norfolk, 1; North Haven, 1; Ridgefield, 1; Sprague, 1; Stratford, 1; Thomaston, 3; Windsor, 1; Woodbury, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Quies.	
Diphtheria, diagnosis.....	7	15	..	22
release.....	12	9	..	21
Tuberculosis.....	30	45	..	75
Typhoid Fever.....	3	8	..	11
Rabies.....	8	4	..	12
Total specimens examined.....				141
Samples of water analyzed.....				4

## THE REPORTING OF PULMONARY TUBERCULOSIS.

Nearly all the towns of the State have a regulation which requires the reporting of all cases of pulmonary tuberculosis or consumption to the local health officer. There were in this State last year 1374 deaths from tuberculosis, while only 523 cases were reported to the health authorities. This shows how poorly the regulation is obeyed, and it should be more generally enforced. A great many objections to this are constantly being raised, but it is wrong to infer that because a case of phthisis is reported, the physician has in any way violated the confidence of his patient or subjected him to any unnecessary annoyance. This is far from the intention. No placard is ever placed on the house, and the records of reported cases are open only to officials authorized to inspect them. Where the patient is under the regular care of a physician who will vouch for his observing all the hygienic requirements, the health officer will never trouble the patient or his family. There is, however, the indigent careless consumptive, who never remains long at a time under the physician's care and is a source of danger to the community, whose registration is a necessity in order that some action may be taken to improve his surroundings and protect those with whom he comes in contact. It might be said that the latter class of patients should be reported and not the former, but class legislation is not possible, so that all cases must be registered. The health officer must then judge which ones need his attention. By no other means can boards of health obtain knowledge of the cases of this disease in their community.

In the past almost entire families have been carried off by tuberculosis, one member after another, through ignorance of its contagious nature and the belief that it was inherited. It is now known that heredity plays but a small part in the causation of this disease and that infection cannot take place without the germ, and if you kill all the germs there can be only a minimum amount of tuberculosis.

General registration aims to give the health officer the name and residence of every consumptive, so that such persons may be instructed to destroy their sputum or expectoration, which contains the germ, and to teach the doctrine of pure air, wholesome food and hygienic methods of living, and above all to see that no one occupies the room where a consumptive has lived or died until it has been thoroughly disinfected and renovated.

By such means as these, in connection with the new tenement house laws, the city of New York in less than twenty years was able to reduce its mortality rate from tuberculosis by more than forty per cent.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, March 15, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	32	20	26	.39	Cloudy	4.0	30.09; highest 30.79; date 24	29.57; date 19
2	40	31	36	.06	Cloudy	0.0		
3	41	16	28	0	Partly Cloudy	0.0		
4	21	12	16	.30	Cloudy	0.0		
5	14	10	12	.83	Cloudy	11.0		
6	16	7	12	0	Clear	0.5		
7	23	0	12	0	Partly Cloudy	0.0		
8	29	10	20	0	Partly Cloudy	0.0		
9	27	5	16	0	Partly Cloudy	0.0		
10	39	20	30	.08	Cloudy	1.2		
11	34	5	20	T	Clear	T		
12	13	-1	6	0	Clear	0.0		
13	25	2	14	0	Cloudy	0.0		
14	46	25	36	T	Partly Cloudy	0.0		
15	36	22	29	T	Partly Cloudy	T		
16	42	24	33	0	Cloudy	0.0		
17	39	15	27	T	Partly Cloudy	0.0		
18	31	13	22	0	Clear	T		
19	36	10	23	.24	Cloudy	1.2		
20	35	29	32	.07	Cloudy	0.4		
21	33	14	24	0	Partly Cloudy	0.5		
22	17	5	11	0	Partly Cloudy	0.0		
23	14	-3	6	0	Clear	0.0		
24	21	-4	8	.40	Cloudy	3.0		
25	32	14	23	.11	Partly Cloudy	4.0		
26	23	7	15	0	Partly Cloudy	0.0		
27	24	7	16	0	Clear	0.0		
28	27	0	14	0	Partly Cloudy	0.0		
--	--	--	--	--	--	--		
--	--	--	--	--	--	--		
--	--	--	--	--	--	--		
Mean	28.9	11.2	20.0	2.48				

### TEMPERATURE.

Highest..... 46°; date 14; lowest..... -4°; date 24  
Greatest daily range..... 29°; ..... date 11  
Least daily range..... 4°; ..... date 5

### MEAN FOR THIS MONTH IN

1905..... 20.6° 1906..... 28° 1907..... 20°  
Mean of this month for 3 years..... 22.8  
Absolute maximum for this month for 3 years..... 53  
Absolute minimum for this month for 3 years..... -5  
Average daily deficiency (-) of this month as compared with mean of 3 years..... 2.8

### PRECIPITATION.

Total this month ..... 2.48  
Snowfall ..... 25.8  
Greatest precipitation in 24 hours 1.10, date..... 4-5  
Snow on the ground at end of month ..... 7.0

### TOTAL PRECIPITATION THIS MONTH IN

1905..... 1.79 1906..... 2.30 1907..... 2.48  
Average of this month for 3 years..... 2.19  
Excess of this month as compared with average of 3 years..... 0.29

### WIND.

Prevailing direction..... NW.  
Total movement ..... 4,500 miles  
Average hourly velocity..... 6.7  
Maximum velocity (for five minutes) 32 miles per hour, from Northwest on 25th.

### WEATHER.

Number of clear days ..... 6  
Partly cloudy ..... 12  
Cloudy ..... 10  
On which .01 inch, or more, of precipitation occurred ..... 9

### MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... 9  
Halos, solar ..... 7  
Halos, lunar ..... 20  
Hail ..... None  
Sleet ..... 1, 19  
Fog ..... None  
Thunderstorms ..... None  
\*Frosts: light, ..... ; heavy, ..... ; killing, .....

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1907





# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1907, and a Statement of the Births and Marriages for the Month of February, 1907*

Total estimated population of the State, 1,005,854.

[illegible]

The Mortality in Public Institutions of the State was : in Danbury, 63 ; in Hartford, 63 ; in Middletown, 12 ; in New Britain, 5 ; in New Haven, 47 ; in New London, 55 ; in Norwalk, 3 ; in Norwich, 6 ; and in Waterbury, 6. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March : Andover, Canaan, Columbia, Coventry, Easton, Farmington, Hebron, Killingworth, Ledyard, Marlborough, Middlebury, New Fairfield, Pomfret, Prospect, Rocky Hill, Roxbury, Scotland, Southbury, Voluntown. — Total, 10.

The Registrars of the following towns have made no report for March: Beacon Falls, Bethany, Brookfield, Kent.—Total, 4.



# REMARKS.

By mortality reports received there were 1558 deaths during the month of March. This was 42 less than in February and 69 more than in March of last year, and 308 more than the average number of deaths during March for the five years preceding.

	1907	1909	1905	1904	1903	1902
January,	1,694	1,340	1,412	1,440	1,420	1,172
February,	1,516	1,235	1,368	1,387	1,303	1,124
March,	1,558	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,768	4,064	4,357	4,352	4,144	3,535

The death rate was 18.3 for the large towns, for the small towns 10.6, and for the whole state 18.6.

The deaths reported from infectious diseases were 293, being 18.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 38; Bethany, 2; Branford (town and borough), 2; Bridgeport, 68; Canton, 1; Colchester, 1; Derby, 10; East Windsor, 3; Ellington, 4; Enfield, 3; Glastonbury, 9; Hartford, 3; Harwinton, 3; Huntington, 24; Manchester, 1; Milford, 1; Monroe, 3; New Canaan, 3; New Haven, 28; New Milford, 2; Norwalk (city), 2; Norwalk (town), 4; Putnam, 1; Seymour, 7; Shelton (borough), 50; South Norwalk (city), 2; Stratford, 1; Suffield, 3; Trumbull, 1; Vernon, 1; Washington, 1; Waterbury, 3; West Haven (borough), 2; Westport, 1; Willimantic (city), 1; Windsor, 1.—Total, 290 in 34 towns.

**Scarlet Fever.**—Ansonia, 1; Avon, 1; Branford (town and borough), 11; Bridgeport, 26; Bristol, 1; Cromwell, 14; Danbury (city), 3; Darien, 1; Derby, 1; East Hartford, 2; Farmington, 2; Greenwich, 1; Groton (borough), 2; Hamden, 1; Hampton, 1; Hartford, 15; Mansfield, 1; Middletown (city), 5; Middletown (town), 1; Milford, 1; Naugatuck, 2; New Haven, 17; New London, 2; New Milford, 1; North Branford, 1; Norwalk (city), 1; Norwich (town), 1; Old Saybrook, 2; Shelton (borough), 1; Southington, 1; South Norwalk (city), 1; Suffield, 7; Torrington, 1; Wallingford, 1; Waterbury, 2; Westbrook, 3; West Hartford, 2; Winchester, 2; Windsor Locks, 2; Winsted (borough), 2.—Total, 143 in 38 towns.

**Cerebro Spinal Fever.**—Naugatuck, 1.

**Diphtheria and Croup.**—Ansonia, 1; Bethel (town and borough), 3; Bridgeport, 12; Bristol, 3; Columbia, 1; Danbury (city), 4; Derby, 2; East Haven, 1; East Windsor, 2; Enfield, 1; Greenwich, 5; Hamden, 1; Hartford, 19; Huntington, 1; Jewett City (borough), 3; Manchester, 2; Meriden (city), 1; Middletown (city), 2; Middletown (town), 10; Milford, 3; New Haven, 22; New London, 1; North Haven, 2; Norwich (city), 1; Plymouth, 4; Putnam (city and town), 3; Rockville (city), 1; Seymour, 9; Southington, 1; Suffield, 3; Torrington (town and borough), 3; Wallingford, 2; Waterbury, 2; Wethersfield, 1; Willimantic (city), 1; Winchester, 1; Winsted (borough), 2; Woodstock, 3.—Total, 139 in 37 towns.

**Whooping Cough.**—Ashford, 6; Bloomfield, 1; Cheshire, 3; Chester, 2; Colchester (town and borough), "few cases"; Durham, 2; East Hartford, 1; Ellington, "epidemic"; Groton (borough), 2; Hartford, 1; Meriden (city), 5; Middletown (city), 10; North Haven, 1; Old Saybrook, 1; Pomfret, 2; Wallingford, "epidemic."—Total, 37+ in 16 towns.

**Typhoid Fever.**—Bridgeport, 2; Bristol, 1; Glastonbury, 1; Hartford, 2; Killingly, 5; Manchester, 1; Meriden (city), 1; New Haven, 2; Plainfield, 1; Plymouth, 1; Pomfret, 1; Shelton (borough), 1; Southington, 1; Stafford, 2; Thompson, 2; Washington, 1; Waterbury, 2; Willimantic (city), 1.—Total, 28 in 18 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 10; Canton, 2; Cheshire, 1; Guilford, 1; Hartford, 1; Kent, 1; Killingly, 2; Lebanon, 1; Madison, 1; Middletown (city), 3; Naugatuck, 6; New Canaan, 1; New Hartford, 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Plainfield, 1; Rockville (city), 1; Rocky Hill, 1; Salisbury, 1; Stratford, 1; Waterbury, 7; Willington, 1; Woodbury, 1.—Total, 61 in 26 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Beacon Falls, Bethlehem, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Chatham, Clinton, Colebrook, Coventry, Danbury, Danielson (borough), Darien, Eastford, East Granby, East Haddam, East Lyme, Easton, Essex, Fairfield, Franklin, Goshen, Granby, Griswold, Groton, Hartland, Hebron, Killingworth, Ledyard, Litchfield, Lyme, Marlborough, Meriden, Middlebury, Montville, Morris, New Fairfield, Newington, Newtown, Norfolk, North Canaan, North Stonington, Orange, Oxford, Plainville, Portland, Preston, Prospect, Redding, Ridgefield (town and borough), Roxbury, Salem, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, Southbury, South Windsor, Sprague, Stafford Springs, Stamford, Sterling, Stonington (town and borough), Thomaston, Tolland, Union, Voluntown, Warren, Waterford, Watertown, Weston, Wilton, Windham, Wolcott.—Total, 82.

\* Seven delayed certificates for February have been received since the publication of the last Bulletin.

All the Health Officers of New Haven, Tolland and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—New Britain (city and town).

NEW LONDON Co.—Lisbon, Old Lyme.

FAIRFIELD Co.—Stamford (city).

LITCHFIELD Co.—Bridgewater, Cornwall.

MIDDLESEX Co.—Haddam, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Brooklyn, 1; Canterbury, 2; Chaplin, 1; Colchester, 1; Darien, 3; Durham, 1; East Granby, 1; East Haddam, 1; East Windsor, 2; Ellington, 2; Fairfield, 1; Franklin, 1; Glastonbury, 1; Griswold, 1; Hampton, 2; Hartland, 1; Monroe, 1; Montville, 1; New Canaan, 3; Newtown, 1; Norfolk, 1; Plainfield, 2; Plymouth, 1; Salisbury, 1; Saybrook, 1; Simsbury, 1; Somers, 2; Sprague, 1; Thomaston, 1; Warren, 1; Westbrook, 1; Westport, 1; Wilton, 1; Windsor, 1; Woodstock, 1.—Total, 45.

**Diphtheria and Croup.**—Plymouth, 1; Seymour, 1; Wethersfield, 1.—Total, 3.

**Whooping Cough.**—Glastonbury, 1; Griswold, 1; Newtown, 1; Stafford, 1.—Total, 4.

**Consumption.**—Berlin, 1; Bozrah, 1; Cheshire, 1; Colchester, 2; Darien, 1; East Haddam, 1; Glastonbury, 1; Guilford, 1; Harwinton, 1; New Canaan, 3; Plymouth, 1; Preston, 1; Ridgefield, 1; Salisbury, 1; Somers, 1; Sprague, 1; Stratford, 2; Thomaston, 1; Watertown, 1; West Hartford, 1; Weston, 2; Woodbury, 1.—Total, 27.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	17	26	..	43
release.....	6	10	2	18
Tuberculosis.....	26	61	..	87
Typhoid Fever.....	5	14	..	19
Rabies.....	6	1	..	7
Total specimens examined.....				174
Samples of water analyzed.....				4

## VITAL STATISTICS.

The vital statistics of the state for 1905, about to be published, show a high birth rate and an increasing number of marriages and deaths.

The number of births registered was 23,271, which is an increase of 407 births over the previous year and is the highest number ever recorded in any one year. In 8328 births both parents were American and in 14,591 births one or both parents were foreign.

The number of marriages registered was 8075, which was 440 more than the number registered in 1904. This was one person married to every 61.2 of the population.

The deaths reported were 16,298, which was 587 more than in the preceding year. The death rate was 16.4 per 1000 living population, which is slightly higher than any year since 1900, when the death rate was 15 per 1000 of population.

In 38 towns the deaths exceed the births. The total excess of deaths over births in these towns or the natural loss of population was 228. The loss this way was 22 less than in the previous year. In 8 towns the births and deaths were equal and in 122 towns the births exceeded the deaths.

The number of divorces granted in 1905 was 491, which was 27 more than the average for the past ten years. The ratio of divorce to marriage was 1 to 16.4. Of the divorces 260 were granted on the ground of desertion. There were 147 more widowers who remarried than widows, and among the divorced persons remarrying there were 37 more women than men.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, April 15, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	34	15	24	T	Clear	0.0	30.07; highest.....	30.56; date 20
2	45	27	36	.25	Cloudy	1.0	29.49; .....	date
3	40	27	34	0	Cloudy	.0		
4	32	23	28	T	Cloudy	T		
5	35	17	26	0	Clear	.0		
6	31	19	25	0	Clear	.0		
7	33	13	23	0	Clear	.0		
8	33	18	26	.15	Cloudy	1.9		
9	38	26	32	0	Clear	.0		
10	26	21	24	.13	Cloudy	2.0		
11	40	20	30	T	Clear	0.2		
12	41	18	30	T	Cloudy	.0		
13	44	37	40	.03	Cloudy	.0		
14	52	34	43	.26	Cloudy	.0		
15	45	32	38	0	Clear	.0		
16	46	30	38	0	Clear	.0		
17	55	33	44	T	Partly Cloudy	.0		
18	49	35	42	0	Clear	.0		
19	38	29	34	.15	Cloudy	0.3		
20	43	30	36	0	Clear	.0		
21	52	27	40	0	Clear	.0		
22	60	36	48	T	Cloudy	.0		
23	68	45	56	.01	Partly Cloudy	.0		
24	48	29	38	.25	Cloudy	0.4		
25	49	27	38	0	Clear	0.8		
26	48	29	38	0	Partly Cloudy	.0		
27	59	36	49	.01	Partly Cloudy	.0		
28	72	43	58	0	Partly Cloudy	.0		
29	80	53	66	0	Partly Cloudy	.0		
30	64	45	54	0	Clear	.0		
31	54	37	43	.09	Cloudy	.0		
Mean	46.9	29.4	38.2	1.33				

### TEMPERATURE.

Highest..... 80°; date 29; lowest..... 13°; date 7  
 Greatest daily range..... 20°; ....., date 23  
 Least daily range..... 5°; ....., date 10

### MEAN FOR THIS MONTH IN

1905..... 36° 1906..... 31° 1907..... 38°  
 Mean of this month for 3 years..... 36.1  
 Absolute maximum for this month for 3 years..... 80  
 Absolute minimum for this month for 3 years..... 7  
 Average daily excess of this month as compared with mean  
 of 3 years..... 2.9

### PRECIPITATION.

Total this month ..... 1.33  
 Snowfall ..... 6.6  
 Greatest precipitation in 24 hours 0.26, date..... 14  
 Snow on the ground at end of month..... .0

### TOTAL PRECIPITATION THIS MONTH IN

1905..... 3.35 1906..... 5.02 1907..... 1.33  
 Average of this month for 3 years..... 3.23  
 Deficiency (—) of this month as compared with average of 3 years 1.90

### WIND.

Prevailing direction..... NW.  
 Total movement ..... 5,543 miles  
 Average hourly velocity..... 7.4  
 Maximum velocity (for five minutes) 44 miles per hour,  
 from Northwest on 20th.

### WEATHER.

Number of clear days ..... 13  
 Partly cloudy ..... 6  
 Cloudy ..... 12  
 On which .01 inch, or more, of precipitation occurred ..... 10

### MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... 11  
 Halos, solar ..... None  
 Halos, lunar ..... 26  
 Hail ..... None  
 Sleet ..... 1, 2  
 Fog ..... 13  
 Thunderstorms..... 23  
 \*Frosts: light,.....; heavy,.....; killing,.....

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1907, and a Statement of the Births and Marriages for the Month of March, 1907.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in Mch.	Still Births in Mch.	Marriages in Mch.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.				
Ausonia, .....	14,894	34	2	6	24	20.3	5	4	37.5	1	---	---	3	---	---	---	---	---	---	1	---	---	2	3	2	2	---	7				
Branford, .....	6,453	19	---	---	9	16.7	1	3	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4				
Bridgeport, .....	84,274	216	7	30	139	19.0	25	11	25.8	4	5	4	1	2	3	1	---	---	---	1	15	22	1	10	10	1	6					
Bristol, .....	11,000	27	---	---	28	17.7	2	3	17.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
Danbury, .....	19,475	39	2	5	16	17.2	4	3	43.7	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1					
Derby, .....	9,416	33	---	---	16	21.0	1	1	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
East Hartford, .....	7,576	13	2	8	11	20.6	5	---	45.4	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
Enfield, .....	13,396	22	1	7	17	15.2	2	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
Greenwich, .....	6,215	13	1	3	9	14.5	2	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
Groton, .....	5,073	7	---	---	0	13.7	3	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1				
Hartford, .....	95,822	184	5	41	127	13.2	14	6	15.7	---	---	---	3	1	---	---	---	---	---	---	---	---	---	---	---	---	10	50				
Hillington, .....	6,510	8	---	2	6	11.0	1	3	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1			
Killingly, .....	6,720	14	---	---	8	11.2	1	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1			
Manchester, .....	12,928	20	---	5	13	12.9	1	1	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1			
Meriden, .....	39,658	70	1	8	38	11.4	4	2	15.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13			
Middletown, .....	18,855	46	---	5	29	12.0	3	10.3	10.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13		
Naugatuck, .....	13,131	30	1	3	9	8.2	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13		
New Britain, .....	33,720	96	4	9	43	15.3	10	5	31.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13		
New Haven, .....	121,212	313	13	51	200	10.0	37	11	24.0	---	---	---	4	4	3	1	---	---	---	---	---	---	---	---	---	---	---	---	3	13		
New London, .....	10,822	43	2	2	35	19.3	9	2	31.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
New Milford, .....	5,336	10	1	3	6	13.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Norfolk, .....	21,243	32	2	3	26	14.6	3	---	11.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Norwich, .....	25,020	66	4	5	29	13.6	6	---	20.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Orange, .....	8,470	16	---	1	11	15.5	1	2	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Punam, .....	7,850	14	1	2	6	9.1	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Southington, .....	6,123	9	---	---	7	13.7	1	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Stamford, .....	20,720	46	2	3	37	20.2	3	5	21.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Stonington, .....	9,353	21	---	3	11	14.4	4	---	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Thompson, .....	6,960	11	---	---	4	6.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Torrington, .....	16,300	39	5	5	19	13.9	4	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Vernon, .....	8,290	11	1	3	14	20.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Wallingford, .....	10,450	19	---	---	16	18.3	9	62.5	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Waterbury, .....	61,900	166	5	19	83	15.5	21	5	30.1	---	---	---	2	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13	
Winchester, .....	8,710	22	---	---	12	16.4	1	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13
Windham, .....	10,200	20	1	4	13	15.2	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	13
Total of the 36 above towns, .....	769,061	1769	65	267	1073	16.7	189	70	24.1	8	6	30	9	21	18	6	4	---	---	4	15	4	102	156	26	94	109	57	404			
132 towns of less than 5,000 inhabitants	236,793	373	18	63	341	17.2	36	19	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	121	
Total reported from 168 towns, .....	1,005,854	2142	83	330	1414	16.8	225	89	22.2	9	8	43	9	31	19	7	5	---	---	5	15	7	125	208	35	137	149	74	528			

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Hartford, 56; in Meriden, 7; in Middletown, 16; in New Britain, 3; in New Haven, 43; in New London, 7; in Norwalk, 4; in Norwich, 4; in Stamford, 8; in Waterbury, 6; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Ashford, Bethany, Bethlehem, Bolton, Bridgewater, Chaplin, Clinton, East Granby, East Haven, Goshen, Hampton, Hartland, Hebron, Lyme, Marlborough, Middlefield, Monroe, Morris, North Stonington, Prospect, Scotland, Simsbury, Sterling, Tolland, Voluntown, Warren, Westbrook.—Total, 29.



# REMARKS.

By mortality reports received there were 1444 deaths during the month of April. This was 153 less than in March and 16 less than in April of last year, and 100 more than the average number of deaths during April for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,096	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,187	4,064	4,357	4,352	4,144	3,535
April,	1,414	1,430	1,329	1,377	1,245	1,191

The death rate was 16.7 for the large towns, for the small towns 17.2, and for the whole state 16.8.

The deaths reported from infectious diseases were 261, being 18.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 38; Bethel, 1; Bolton, 7; Branford (town and borough), 6; Bridgeport, 48; Chatham, 1; Derby, 28; East Hartford, 1; Easton, 1; East Windsor, 10; Fairfield, 4; Glastonbury, 1; Greenwich, 13; Guilford, 2; Hamden, 2; Hampton, 2; Hartford, 8; Harwinton, 1; Huntington, 10; Madison, 1; Manchester, 1; Middletown (city), 4; Milford, 1; Monroe, 3; Montville, 1; Naugatuck, 1; New Haven, 30; Newtown, 6; Norwalk (city), 2; Norwalk (town), 5; Orange, 1; Plainville, 3; Seymour, 18; Shelton (borough), 10; Southington, 1; South Norwalk (city), 6; South Windsor, 3; Stamford, 1; Stratford, 1; Trumbull, 1; Wallingford, 1; Washington, 2; Waterbury (city), 5; West Haven (borough), 56; Westport, 1; Wethersfield, 2; Windsor Locks, 1; Winsted (borough), 1.—Total, 355 in 47 towns.

**Scarlet Fever.**—Berlin, 2; Bethany, 1; Branford (town and borough), 2; Bridgeport, 33; Canton, 2; Chaplin, 1; Cheshire, 2; Cromwell, 1; Darien, 1; Derby, 3; East Hartford, 2; Essex, 2; Fairfield, 3; Goshen, 1; Greenwich, 4; Groton (borough), 1; Hamden, 1; Hampton, 3; Hartford, 13; Madison, 1; Manchester, 1; Middletown (city), 8; Middletown (town), 3; New Canaan (town and borough), 4; New Haven, 26; Newtown, 1; New London, 1; Norwalk, 4; Plainfield, 1; Plainville, 2; Pomfret, 2; Portland, 2; Southington, 1; South Norwalk (city), 4; Stafford, 1; Stamford, 2; Stonington, 1; Wallingford, 5; Waterbury (city), 6; West Hartford, 3; West Haven (borough), 3; Windsor (borough), 2.—Total, 162 in 41 towns.

**Cerebro Spinal Fever.**—Hartford, 1; Middletown (city), 1; New Haven, 1; New London, 1.—Total, 4 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 14; Beacon Falls, 1; Bethel, 1; Bloomfield, 1; Bridgeport, 15; Bristol, 3; Burlington, 4; Chaplin, 2; Colchester (town and borough), 2; Colebrook, 4; Derby, 3; East Hartford, 5; Enfield, 2; Glastonbury, 1; Groton (town), 1; Groton (borough), 1; Haddam, 1; Hartford, 13; Killingly, 5; Manchester, 1; Meriden (city), 2; Meriden (town), 1; Middletown, 2; Milford, 1; New Haven, 25; New London, 2; Plainville, 4; Putnam, 1; Redding, 1; Rockville (city), 1; Seymour, 5; Southington, 1; South Norwalk (city), 1; Stafford Springs (borough), 2; Thomaston, 1; Tolland, 1; Torrington (town and borough), 3; Washington, 1; Waterbury (city), 7; West Haven (borough), 1; Westport, 1; Windsor, 1; Winsted (borough), 15.—Total, 159 in 41 towns.

**Whooping Cough.**—Bridgeport, 1; Colchester (town and borough), "few"; Essex, 9; Fairfield, "several"; Groton, 5; Guilford, 1; Hartford, 4; Lyme, 5; Middletown (city), 15; Putnam, 3; Saybrook, 1; Wallingford, "epidemic"; Wilton, 4.—Total, 48+ in 13 towns.

**Typhoid Fever.**—Bridgeport, 1; Bristol, 2; East Haddam, 1; Groton, 1; Hamden, 1; Hartford, 2; Manchester, 4; Naugatuck, 1; New Haven, 6; New London, 1; Newtown, 1; North Canaan, 3; Salisbury, 2; Shelton (borough), 1; Waterbury (city), 1; Willimantic (city), 1.—Total, 29 in 16 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 8; Canton, 1; Coventry, 1; Danielson (borough), 3; Durham, 1; Fairfield, 1; Hartford, 6; Manchester, 1; Meriden (city), 2; Middletown, 1; Milford, 1; Naugatuck, 3; New Canaan, 1; Norwalk (city), 1; Norwalk (town), 1; Rocky Hill, 1; South Norwalk (city), 1; Washington, 1; Waterbury (city), 9; Willington, 1; Woodbury, 1.—Total, 49 in 22 towns.

In addition to the above, the following is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethlehem, Bozrah, Brooklyn, Canaan, Canterbury, Clinton, Columbia, Cornwall, Eastford, East Granby, East Haven, East Lyme, Ellington, Farmington, Franklin, Granby, Griswold, Hartland, Hebron, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Mansfield, Marlborough, Morris, New Fairfield, New Hartford, Norfolk, North Branford, North Haven, Old Lyme, Old Saybrook, Oxford, Preston, Prospect, Salem, Sharon, Sherman, Simsbury, Somers, Southbury, Sterling, Thompson, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, Weston, Windham, Wolcott, Woodbridge, Woodstock.—Total, 61.

\* Nineteen delayed certificates for the first quarter of 1907 have been received since the publication of the last Bulletin.

All the Health Officers of New Haven and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Avon, New Britain (city and town), Suffield.  
NEW LONDON Co.—North Stonington, Norwich (city and town), Sprague.

FAIRFIELD Co.—Danbury (city and town), Ridgefield (town and borough), Stamford (city).

WINDHAM Co.—Scotland.

LITCHFIELD Co.—Bridgewater, New Milford, Plymouth, Roxbury, Watertown, Winchester.

MIDDLESEX Co.—Chester, Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Seymour, 1.

Scarlet Fever.—Plainfield, 1; Suffield, 1.—Total, 2.

La Grippe.—Chester, 1; East Windsor, 1; Essex, 1; Fairfield, 1; Farmington, 1; Glastonbury, 1; Griswold, 1; Harwinton, 1; Old Saybrook, 1; South Windsor, 1; Stafford, 1; Wethersfield, 1; Woodbury, 1.—Total, 13.

Diphtheria and Croup.—Beacon Falls, 1; Bethel, 1; Burlington, 1; Colchester, 1; Plainville, 1; Plymouth, 1; Seymour, 1; Thomaston, 1; Washington, 1.—Total, 10.

Whooping Cough.—Haddam, 1.

Consumption.—Berlin, 1; Bloomfield, 1; Canton, 2; Colchester, 1; Durham, 1; Essex, 1; Haddam, 1; Montville, 1; New Hartford, 1; Norfolk, 1; North Branford, 1; North Haven, 1; Saybrook, 2; Sherman, 1; Stafford, 1; Stratford, 1; Waterford, 1; Westport, 1; Woodbridge, 1; Woodbury, 2.—Total, 23.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	19	22	1	42
release.....	12	10	..	22
Tuberculosis.....	31	73	..	104
Typhoid Fever.....	5	9	1	15
Rabies.....	6	3	..	9

Total specimens examined..... 192

Samples of water analyzed..... 4

## RABIES.

The continuation of the outbreak of rabies in the State which began in the latter part of 1905 and which at the present time appears to be more pronounced than ever, makes it a matter of particular interest just now to the health authorities and to the public, and shows that it is not yet time to relax our efforts to stamp out this dangerous malady. This can only be done by the destruction of homeless dogs and the muzzling, when necessary, of those with owners. People who are so fond of dogs that they object to the muzzling order and have no regard for the lives of their fellow citizens, should remember that these measures are quite as much in the interest of the dogs as of the rest of the community.

There are two varieties of rabies, which are known as furious and dumb rabies, and it is important for every dog owner to familiarize himself with some of the early symptoms. Among these symptoms are a difficulty in swallowing because of a paralysis of the pharynx, also a partial paralysis of the lower jaw which causes the jaw to drop and the mouth to remain open. Other symptoms are a staggering gait, snapping at imaginary flies, tendency to swallow foreign bodies, such as bits of wood, small stones, feathers, and the like. There is often a disposition to run away from home when the disease is coming on; the animal may be gone a day or two and then return, or may never come home. A change of disposition is another premonitory symptom, the animal becoming more affectionate or more morose than usual. These symptoms, however, are not all constant, but vary in different cases. When a dog acts strangely, a veterinary surgeon should be consulted.

The importance of verifying a diagnosis of rabies in the dog as early as possible, if it has bitten persons or other dogs, is self-evident and can be promptly done by an examination of the brain of the dog for the Negri bodies. It is a mistake, however, to call a dog mad because it has bitten some one and immediately kill it. In doubtful cases the dog should be confined and kept under observation for several days, and if at the end of a week it seems to be healthy no fear need be felt.

When a person has been bitten by a dog proved to be mad, he should at once take the Pasteur treatment. This can be obtained at the Pasteur Institute in New York City, or at the Research Laboratory of the New York Health Department. It is also possible to obtain the serum or virus from the Research Laboratory and the patient receive the treatment at home. The cost of the serum in this case is twenty-five dollars.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, May 15, 1907.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Sun- shine. 8 P. M. 10 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	37	30	34	.19	Cloudy	1.9	29.88	30.42
2	43	25	34	T	Partly Cloudy	T	29.02	30.42
3	54	26	40	0	Clear	0.0		
4	62	32	47	0	Partly Cloudy	0.0		
5	65	35	50	.07	Cloudy	0.0		
6	44	29	36	0	Clear	0.0		
7	48	26	37	0	Partly Cloudy	0.0		
8	36	31	34	.98	Cloudy	0.5		
9	34	30	32	.85	Cloudy	6.0		
10	40	34	37	T	Cloudy	0.2		
11	48	32	40	0	Partly Cloudy	0.0		
12	53	32	42	T	Cloudy	0.0		
13	43	36	40	T	Cloudy	0.0		
14	51	35	43	0	Partly Cloudy	0.0		
15	46	33	40	0	Partly Cloudy	0.0		
16	51	34	42	.03	Partly Cloudy	0.0		
17	45	36	40	.01	Cloudy	T		
18	49	35	42	0	Partly Cloudy	0.0		
19	40	31	36	.09	Cloudy	T		
20	46	33	40	0	Clear	0.0		
21	51	28	40	0	Clear	0.0		
22	60	34	47	0	Clear	0.0		
23	62	44	53	.12	Cloudy	0.0		
24	56	46	51	.82	Cloudy	0.0		
25	68	40	54	0	Clear	0.0		
26	72	48	60	.03	Cloudy	0.0		
27	60	42	51	0	Partly Cloudy	0.0		
28	50	35	42	.05	Cloudy	0.0		
29	67	45	56	T	Cloudy	0.0		
30	70	52	61	0	Partly Cloudy	0.0		
Mean	51.7	35.0	43.4	3.24				

MEAN FOR THIS MONTH IN			
1905	48°	1906	48°
1907	43°		
Mean of this month for 3 years			46
Absolute maximum for this month for 3 years			75
Absolute minimum for this month for 3 years			25
Average daily deficiency (—) of this month as compared with mean of 3 years			2.9

PRECIPITATION.			
Total this month			3.34
Snowfall			8.6
Greatest precipitation in 24 hours	0.98	date	8
Snow on the ground at end of month			0.0

TOTAL PRECIPITATION THIS MONTH IN			
1905	2.57	1906	3.58
1907			3.24
Average of this month for 3 years			3.13
Excess (+) of this month as compared with average of 3 years			0.11

WIND.			
Prevailing direction			NW.
Total movement			6,198 miles
Average hourly velocity			8.6
Maximum velocity (for five minutes)	29 miles per hour,		
from South on 25th.			

WEATHER.			
Number of clear days			6
Partly cloudy			10
Cloudy			14
On which .01 inch, or more, of precipitation occurred			11

MISCELLANEOUS PHENOMENA (dates of).			
Auroras			None
Halos, solar			None
Halos, lunar			22
Hail			None
Sleet			None
Fog			29
Thunderstorms			24
*Frosts: light			21
heavy			
killing			

NOTE.—"T" indicates trace of precipitation.

\* Frosts not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1907, and a Statement of the Births and Marriages for the Month of April, 1907.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in Apr.	Still Births in Apr.	Marriages in Apr.	Total Deaths.	Deaths under 1 year.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	14,054	44	2	8	17	14.4	1	---	---	---	---	---	---	---	---	---	---	---	---	2	1	1	2	3	1	7		
Brantford, .....	6,453	14	1	1	6	11.1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7		
Bridgeport, .....	81,271	203	11	97	127	16.8	22	21	33.8	6	6	---	4	---	---	---	---	---	---	18	9	2	14	14	1	8		
Bristol, .....	11,000	17	---	4	14	15.2	7	2	64.2	---	---	---	---	---	---	---	---	---	---	---	6	4	2	5	8	2	10	
Danbury, .....	19,475	34	3	16	41	24.6	4	3	17.0	---	---	---	---	---	---	---	---	---	---	---	6	4	2	5	8	2	10	
Derby, .....	9,406	20	1	17	12	15.8	3	1	33.3	---	---	---	---	---	---	---	---	---	---	---	2	3	1	1	1	1	1	
East Hartford, .....	7,576	19	---	5	10	15.8	3	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	
Enfield, .....	6,400	16	1	17	15	28.1	2	2	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	
Greenwich, .....	13,396	21	2	11	14	11.6	3	---	---	---	---	---	---	---	---	---	---	---	---	---	5	3	---	---	---	1	1	
Groton, .....	6,215	10	1	5	3	5.7	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	3	
Hamden, .....	5,072	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	
Hartford, .....	95,822	167	10	85	134	14.6	16	7	17.1	2	1	---	2	---	---	---	---	---	---	2	1	16	20	7	48	2		
Huntington, .....	6,510	17	---	2	6	12	21.4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	6,750	10	2	6	12	21.4	2	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	12,028	16	---	1	16	10	9.9	3	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	30,688	64	1	21	23	9.0	2	1	13.0	1	2	---	---	---	---	---	---	---	---	7	1	2	1	4	---	---		
Middletown, .....	18,855	38	---	15	20	12.7	3	4	24.1	---	---	---	---	---	---	---	---	---	---	---	2	4	2	1	4	---	---	
Naugatuck, .....	13,134	28	1	8	9	8.2	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	33,720	95	8	32	48	16.7	12	6	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	135,177	167	19	135	177	16.7	19	10	16.3	3	2	1	3	---	---	---	---	---	---	1	1	6	23	24	7	21		
New London, .....	19,822	47	1	26	32	17.5	6	---	---	---	---	---	---	---	---	---	---	---	---	---	15	18	6	6	3	4	15	
New Milford, .....	5,316	9	---	3	8	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	21,243	38	1	16	21	11.2	4	1	23.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	25,620	39	4	20	24	10.7	5	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	8,470	17	---	2	9	12.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam, .....	7,850	14	---	9	7	13.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,123	15	1	5	13	25.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	20,720	32	2	20	34	18.5	6	5	32.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,353	27	---	4	13	16.6	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	6,060	7	---	3	2	3.4	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	16,300	43	3	9	9	6.6	2	2	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	8,200	14	---	3	7	10.1	---	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford, .....	10,450	24	---	3	11	12.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	61,900	153	6	63	90	17.2	26	8	37.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester, .....	8,710	10	1	12	16	20.6	1	2	18.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,200	17	1	6	18	21.1	5	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 36 above towns, .....	769,061	1645	81	695	1019	15.8	171	82	24.8	14	9	7	16	14	7	5	2	1	15	4	116	94	24	115	122	65	380	
129 towns of less than 5,000 inhabitants .....	233,110	352	23	132	301	15.4	34	14	15.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 165 towns .....	1,002,471	1997	104	827	1320	15.8	205	96	22.8	15	10	17	9	19	15	7	3	1	19	5	137	120	33	155	160	87	498	
Population of towns not reporting .....	3,683	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 23; in Danbury, 4; in Greenwich, 1; in Hartford, 49; in Meriden, 2; in Middletown, 12; in New Britain, 5; in New Haven, 35; in New London, 6; in Norwalk, 1; in Norwich, 5; in Stamford, 4; in Waterbury, 10; and in Winchester, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Beacon Falls, Bethany, Bridgewater, Chatham, Cornwall, Eastford, East Lyme, East Windsor, Essex, Goshen, Hampton, Hartland, Hebron, Kent, Litchfield, Mansfield, Marlborough, Middlebury, Monroe, Morris, New Fairfield, North Branford, Old Saybrook, Prospect, Rocky Hill, Salem, Saybrook, Scotland, Somers, South Windsor, Union, Voluntown, Warren, Westbrook, Willington, Wolcott.—Total, 37.

The Registrars of the following towns have made no report for May: Brookfield, Easton, Trumbull.—Total, 3.

# REMARKS.

By mortality reports received there were 1320 deaths during the month of May. This was 100 less than in April, and 84 less than in May of last year, and 63 more than the average number of deaths during May for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,096	1,340	1,412	1,440	1,420	1,172
February,	1,510	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	*1,420	1,430	1,329	1,377	1,245	1,191
May,	1,320	1,404	1,199	1,317	1,265	1,100

The death rate was 15.8 for the large towns, for the small towns 15.4, and for the whole state 15.8.

The deaths reported from infectious diseases were 242, being 18.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Ansonia, 1; Enfield, 7; New Britain, 1.—Total 9 in 3 towns.

**Measles.**—Ansonia, 31; Avon, 1; Beacon Falls, 1; Bethel, 6; Branford (town and borough), 31 +; Bridgeport, 33; Brookfield, 1; Canton, 1; Columbia, 2; Danbury (city), 5; Derby, 30; East Haven, 1; East Windsor, 10; Enfield, 6; Fairfield, 4 +; Farmington, 2; Greenwich, 9; Guilford, 8 +; Hamden, 1; Hartford, 35; Harwinton, 1; Hebron, 1; Huntington, 17; Jewett City (borough), 3; Litchfield (town and borough), 3; Manchester, 1; Meriden (city), 1; Middlebury, 5; Middletown (city), 1; Middletown (town), 1; Milford, 10; New Britain, 4; New Haven, 47; New London, 1; Norfolk, 2; Norwalk (city), 2; Norwalk (town), 1; Plainville, 90 +; Redding, 3; Ridgefield, 1; Seymour, 31; Shelton (borough), 11; Southbury, 1; Southington, 1; South Norwalk (city), 14; South Windsor, 2; Stamford (city), 4; Stratford, 1; Thompson, 3; Torrington (town and borough), 4; Vernon, 1; Wallingford (town and borough), 4; Waterbury (city), 15; West Haven (borough), 14; Weston, 8; Wethersfield, 12; Wilton, 2; Woodbury, 2.—Total, 543 + in 54 towns.

**Scarlet Fever.**—Ansonia, 1; Bethany, 2; Branford (town and borough), 2; Bridgeport, 26; Danbury (city), 2; Danbury (town), 1; Darien, 1; Derby, 1; Durham, 1; East Granby, 1; East Hartford, 1; Enfield, 1; Essex, 1; Greenwich, 17; Groton, 2; Hartford, 10; Manchester, 1; Meriden (city), 2; Middletown (city), 2; Middletown (town), 1; Naugatuck, 4; New Britain, 5; New Canaan (town and borough), 2; New Haven, 16; Newington, 2; New London, 1; Newtown, 1; Norwalk (city), 4; Norwalk (town), 3; Norwich (city), 1; Salem, 1; Salisbury, 2; Southington, 2; South Norwalk, 2; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 1; Stonington, 1; Stratford, 1; Suffield, 1; Torrington (town and borough), 2; Wallingford (town and borough), 2; Waterbury (city), 3; West Hartford, 2; West Haven (borough), 2; Wilton, 1; Winsted (borough), 3.—Total, 152 in 42 towns.

**Cerebro Spinal Fever.**—Cromwell, 1; Hartford, 1; New Haven, 2; Woodbridge, 1.—Total, 5 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 4; Avon, 1; Berlin, 1; Bethel, 3; Bloomfield, 1; Bridgeport, 17; Bristol, 2; Danbury (city), 4; Derby, 3; Fairfield, 1; Glastonbury, 1; Hartford, 12; Harwinton, 1; Huntington, 1; Middletown, 4; Milford, 2; Montville, 1; New Britain, 1; New Haven, 24; New Milford, 1; Orange, 1; Plymouth, 3; Putnam (city and town), 3; Ridgefield (town), 2; Ridgefield (borough), 4; Seymour, 2; Shelton (borough), 1; Sprague, 1; Stamford (city), 1; Stratford, 2; Thomaston, 1; Thompson, 1; Torrington, 1; Washington, 1; Waterbury (city), 8; West Haven (borough), 1; Windsor, 2; Winsted (borough), 30.—Total, 153 in 37 towns.

**Whooping Cough.**—Chaplin, 12; Clinton, 1; Eastford, 20; East Hartford, 5; Essex, 5; Greenwich, 2; Guilford, 5 +; Hartford, 2; Hebron, 3; Jewett City (borough), 3; Ledyard, 4; Litchfield (town and borough), 4; Lyme, 10; New Britain, 3; North Canaan, 3; Norwalk (city), 1; Oxford, "epidemic"; Plainfield, "epidemic"; Salem, "epidemic"; Simsbury, 12; Somers, 10; Waterbury (city), 1; Wilton, 4.—Total, 110 + in 23 towns.

**Typhoid Fever.**—Bridgeport, 1; Bristol, 6; Brooklyn, 1; Canton, 2; Cromwell, 1; Danbury, 1; Enfield, 1; Groton (borough), 2; Hamden, 2; Hartford, 1; Litchfield, 1; Middlebury, 1; Middletown (city), 1; Middletown (town), 1; Naugatuck, 1; New Haven, 6; North Canaan, 1; Orange, 2; Ridgefield (borough), 1; Waterbury (city), 3; Winsted (borough), 1; Woodbury, 1.—Total, 38 in 21 towns.

**Consumption.**—Ansonia, 9; Branford, 1; Bridgeport, 7; Cheshire, 1; Coventry, 1; Darien, 1; Greenwich, 1; Hampton, 1; Hartford, 7; Manchester, 2; Meriden (city), 2; Middletown (city), 1; Milford, 1; Montville, 1; Naugatuck, 2; Norfolk, 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Thomaston, 1; Wallingford, 1; Waterbury (city), 6; Willimantic (city), 1.—Total, 51 in 22 towns.

\* Six delayed certificates for April have been received since the publication of the last Bulletin.

In addition to the above, the Health Officers of fifty-nine towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford and New Haven Counties have reported, but the Health Officers of the following Towns have not reported:

NEW LONDON Co.—Lisbon, Norwich, Preston.  
FARFIELD Co.—Trumbull, Westport.  
WINDHAM Co.—Killingly, Danielson (borough).  
LITCHFIELD Co.—Canaan, Colebrook, Morris.  
MIDDLESEX Co.—Haddam, Middlefield, Old Saybrook.  
TOLLAND Co.—Ellington.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Berlin, 1.  
**Scarlet Fever.**—Stratford, 1.  
**La Grippe.**—Ashford, 1; Berlin, 1; Coventry, 1; Darien, 1; Ellington, 1; North Stonington, 1; Old Lyme, 1; Woodbury, 1.—Total, 8.  
**Cerebro Spinal Fever.**—Cromwell, 1; Woodbridge, 1.—Total, 2.  
**Diphtheria and Croup.**—Fairfield, 1; Montville, 1; Stratford, 1.—Total, 3.  
**Whooping Cough.**—Pomfret, 1.  
**Typhoid Fever.**—Canton, 1; Cromwell, 1.—Total, 2.  
**Consumption.**—Barkhamsted, 1; Berlin, 1; Canton, 1; Colchester, 1; Coventry, 1; Cromwell, 1; Fairfield, 1; Madison, 1; Montville, 1; Norfolk, 2; Redding, 1; Ridgefield, 2; Salisbury, 1; Seymour, 1; Sharon, 2; Sherman, 1; Sprague, 1; Thomaston, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Quies.	
Diphtheria, diagnosis.....	11	24	2	37
release.....	5	7	..	12
Tuberculosis.....	22	81	..	103
Typhoid Fever.....	8	10	..	18
Rabies.....	3	2	..	5
Total specimens examined.....				175
Samples of water analyzed.....				18

The laboratory of the State Board of Health, while equipped to diagnose rabies in dogs, is not equipped for work upon horses and cows, as it has no apparatus large enough for this work, and must therefore decline to receive such specimens.

## THE HOUSE-FLY.

The approach of fly time and the knowledge that the common house-fly plays no obscure part in the spread of certain infectious diseases, the most important of which are typhoid fever and tuberculosis, arouses our interest in him as to where he comes from and what he does.

Dr. L. O. Howard of the U. S. Department of Agriculture, who has devoted much time to the study of the subject, states that ninety-five per cent of the flies found in cities come from horse manure, their favorite breeding place, although they do breed to some extent in kitchen garbage and other filth. The heat generated from the decomposition of horse manure makes it a good incubator. Here the female lays about one hundred and twenty eggs, which in eight hours time are hatched. In ten days time they become adult flies and leave their filthy origin in search of food. As carriers of contagion it is their habit to swarm over fecal matter and other filth and then to feed upon our table, depositing thereon perhaps the contagion of typhoid fever, dysentery, etc.

These facts call for better sanitation than exists at the present time. The important step is the removal of the breeding places; prevent flies from getting to horse manure, privies, and garbage. Manure should be put under cover promptly and kept there until removed for fertilizing, when it should be at once worked into the soil. The next step is to exclude flies from human excrement. The outhouse, if it cannot be abolished, should be constructed with a tight vault, kept dark and screened, while the contents of the vault should be frequently covered with unslacked lime or loam.

The disposal of garbage should receive careful attention. Houses should be screened to keep out the flies, and when we buy our food we should patronize the stores that try to be clean and should make an effort to compel filthy sellers of food stuffs to protect their wares from fly contamination.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, JUNE 15, 1907.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	58	45	52	.01	Cloudy	0.0	30.00; highest 30.31; date 2	29.67; date 27
2	60	42	51	0	Cloudy	0.0		
3	59	38	48	0	Partly Cloudy	0.0		
4	54	38	46	.53	Cloudy	0.0		
5	60	35	48	0	Clear	0.0		
6	52	41	46	.13	Cloudy	0.0		
7	60	48	54	.04	Cloudy	0.0		
8	66	48	57	.02	Cloudy	0.0		
9	54	46	50	.11	Cloudy	0.0		
10	71	42	56	.01	Partly Cloudy	0.0		
11	50	36	43	.51	Cloudy	T		
12	56	32	44	0	Clear	0.0		
13	66	40	53	0	Clear	0.0		
14	88	50	69	0	Clear	0.0		
15	72	47	60	T	Partly Cloudy	0.0		
16	64	56	60	.80	Cloudy	0.0		
17	62	52	57	.18	Cloudy	0.0		
18	74	47	60	0	Partly Cloudy	0.0		
19	80	60	70	T	Cloudy	0.0		
20	65	45	55	.25	Partly Cloudy	0.0		
21	54	38	46	0	Partly Cloudy	0.0		
22	60	36	48	0	Partly Cloudy	0.0		
23	61	46	54	.01	Cloudy	0.0		
24	70	41	56	T	Partly Cloudy	0.0		
25	65	43	54	0	Clear	0.0		
26	50	45	48	.30	Cloudy	0.0		
27	54	46	50	.43	Cloudy	0.0		
28	54	43	48	0	Partly Cloudy	0.0		
29	62	41	52	0	Clear	0.0		
30	66	45	56	T	Partly Cloudy	0.0		
31	62	50	56	.02	Cloudy	0.0		
Mean	62.2	43.9	53.0	3.35				

MEAN FOR THIS MONTH IN			
1905.....	59°	1906.....	59°
1907.....	53°		
Mean of this month for 3 years.....	57		
Absolute maximum for this month for 3 years.....	89		
Absolute minimum for this month for 3 years.....	32		
Average daily deficiency (—) of this month as compared with mean of 3 years.....	4.0		

PRECIPITATION.			
Total this month.....	3.55		
Snowfall.....	T		
Greatest precipitation in 24 hours 0.98, date.....	16, 17		
Snow on the ground at end of month.....	.0		

TOTAL PRECIPITATION THIS MONTH IN			
1905.....	1.25	1906.....	4.60
1907.....	3.35		
Average of this month for 3 years.....	3.07		
Excess (+) of this month as compared with average of 3 years....	0.28		

WIND.	
Prevailing direction.....	S
Total movement.....	5,473 miles
Average hourly velocity.....	7.4
Maximum velocity (for five minutes) 28 miles per hour, from South on 13th.	

WEATHER.	
Number of clear days.....	6
Partly cloudy.....	10
Cloudy.....	15
On which .01 inch, or more, of precipitation occurred.....	15

MISCELLANEOUS PHENOMENA (dates of).	
Auroras.....	None
Halos, solar.....	22
Halos, lunar.....	24
Hail.....	None
Sleet.....	None
Fog.....	None
Thunderstorms.....	10, 19, 27
*Frosts: light,.....	21; heavy,.....
	3, 5, 22; killing,.....
	12

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1907,  
and a Statement of the Births and Marriages for the Month of May, 1907.

Total estimated population of the State, 1,005,854.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,084	38	6	10	20	17.0	8	9	---	3	---	---	---	4	---	---	---	---	---	4	---	4	1	1	3	---	---	---	4
Branford, .....	6,453	20	---	---	8	14.7	2	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bridgeport, .....	84,271	211	10	102	126	17.8	40	11	2	2	1	---	---	15	10	11	3	12	15	---	---	---	---	---	---	---	---	---	
Bristol, .....	11,000	20	---	---	7	11	2.0	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury, .....	10,475	37	2	11	22	14.0	2	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby, .....	9,106	16	3	13	8	10.5	4	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford, .....	7,576	12	---	---	7	11.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield, .....	6,400	19	6	11	12	22.5	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich, .....	13,306	20	---	---	8	13.4	4	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton, .....	6,215	11	1	4	1	1.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden, .....	5,072	11	---	---	1	18.9	2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford, .....	95,822	193	5	83	130	14.1	12	12	---	---	---	---	---	2	2	1	1	---	---	---	---	---	---	---	---	---	---	---	
Huntington, .....	6,510	6	---	---	1	1.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	6,720	11	---	---	6	10.6	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	12,028	18	---	---	4	12.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	30,058	53	1	15	35	13.6	4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown, .....	18,855	39	---	---	16	16.3	3	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck, .....	13,134	28	1	11	11	10.0	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	33,720	122	3	42	34	11.7	9	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven, .....	121,216	272	12	75	186	17.4	25	10	---	---	---	---	---	3	2	2	2	2	3	---	---	---	---	---	---	---	---	---	
New London, .....	19,322	41	2	12	24	14.5	3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	5,336	16	---	---	3	6.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	21,243	34	1	11	27	14.6	5	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich, .....	25,620	48	5	16	42	19.2	6	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	8,470	14	---	---	5	12.7	2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam, .....	7,850	18	1	9	6	9.1	1	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,123	12	1	5	2	3.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	20,720	57	6	9	32	13.7	4	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,353	24	---	---	9	11.5	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	6,960	8	---	---	3	5.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	16,300	38	---	---	7	13.2	6	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Uxbridge, .....	8,290	10	---	---	9	8.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Valleyford, .....	10,450	18	---	---	6	9.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	64,900	174	4	60	70	13.5	17	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester, .....	8,710	8	---	---	5	19.2	4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,460	10	---	---	1	19.2	5	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 36 above towns, .....	769,061	1681	71	607	978	15.2	178	90	---	13	4	5	8	16	5	6	10	7	1	47	3	88	87	21	107	113	78	359	
125 towns of less than 5,000 inhabitants	227,568	371	11	99	233	12.2	20	13	---	1	1	2	---	6	4	1	3	---	---	4	---	16	19	5	18	34	17	102	
Total reported from 161 towns, .....	996,629	2052	82	706	1211	14.5	198	103	---	14	5	7	8	22	9	7	13	7	1	51	3	104	106	26	125	147	95	401	
Population of towns not reporting, .....	9,225	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Greenwich, 3; in Hartford, 53; in Meriden, 1; in Middletown, 19; in New Britain, 5; in New Haven, 49; in New London, 6; in Norwalk, 3; in Norwich, 11; in Stamford, 2; in Waterbury, 9; and in Winchester, 3. Non-residents in these are deducted from the total mortality of the towns in estimating the death rates of those towns.

The following towns are reported as having no deaths: Ashford, Bethany, Bethlehem, Bolton, Bridgewater, Burlington, Canterbury, Chaplin, Cheshire, Colchester, Colebrook, Durham, Ellington, Franklin, Granby, Hartford, Hebron, Killingworth, Ledyard, Lyme, Marlborough, Middlebury, Middletown, New Britain, North Andover, North Branford, North Haven, North Stoughton, Old Lyme, Prospect, Sprague, Union, Waterbury, Willington, Woodbridge. Total, 38.

The Registrars of the following towns have made no report for June: Beacon Falls, Brookfield, East Lyme, Haddam, Kent, Simsbury, Union. Total, 7.

# REMARKS.

By mortality reports received there were 1,211 deaths during the month of June. This was 118 less than in May, and 37 less than in June of last year, and 33 more than the average number of deaths during June for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,696	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,191
May,	*1,329	1,404	1,199	1,317	1,265	1,100
June,	1,211	1,248	1,289	1,129	1,163	1,061

Total second quarter, 3,960 4,082 3,817 3,823 3,673 3,352

The death rate was 15.2 for the large towns, for the small towns 12.2, and for the whole state 14.5.

The deaths reported from infectious diseases were 196, being 16.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Willimantic (city), 2.  
**Measles.**—Ansonia, 28; Branford (town and borough), 20+; Bridgeport, 5; Columbia, 1; Cromwell, 1; Derby, 12; East Haven, 2; Ellington, 3; Enfield, 2; Fairfield, "several"; Greenwich, 7; Guilford, 4; Hamden, 6; Hartford, 11; Harwinton, 1; Huntington, 7; Manchester, 1; Middlebury, 4; Middletown (city), 45; Milford, 4; Monroe, 2; Naugatuck, 5; New Haven, 38; Norfolk, 1; Norwalk (city), 2; Oxford, 6; Plainville, 20+; Putnam (town and city), 1; Redding, 1; Rockville (city), 20+; Shelton (borough), 6; Southbury, 1; Southington, 2; South Norwalk (city), 6; South Windsor, 3; Stamford (city), 16; Suffield, 1; Torrington (town and borough), 10; Trumbull, 1; Wallingford, 1; Waterbury (city), 4; West Haven (borough), 5; Wethersfield, 3; Willimantic (city), 6; Wilton, 2.—Total, 327+ in 45 towns.

**Scarlet Fever.**—Ashford, 1; Bridgeport, 13; Darien, 1; Derby, 6; Fairfield, 3; Torrington, 1; Goshen, 2; Greenwich, 2; Groton, 1; Hartford, 18; Huntington, 2; Manchester, 2; Meriden (city), 2; Middletown (city), 7; Middletown (town), 1; Naugatuck, 2; New Britain, 3; New Haven, 7; Newington, 3; Norwalk (city), 2; Norwalk (town), 3; Putnam (town and city), 1; Shelton (borough), 1; Southington, 3; South Norwalk (city), 1; Stamford (city), 3; Stratford, 2; Torrington (town and borough), 4; Waterbury (city), 2; West Haven (borough), 2; Westport, 7; Winsted (borough), 1.—Total, 108 in 30 towns.

**Cerebro Spinal Fever.**—New Haven, 2.  
**Diphtheria and Croup.**—Bethel, 1; Bridgeport, 18; Bristol, 1; Canton, 1; Derby, 2; Ellington, 2; Fairfield, 1; Glastonbury, 1; Greenwich, 2; Groton (borough), 1; Hartford, 14; Huntington, 1; Madison, 1; Manchester, 1; Meriden (city), 2; Meriden (town), 2; Middletown, 8; New Britain, 3; New Hartford, 5; New Haven, 12; New London, 3; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Plymouth, 3; Roxbury, 6; Seymour, 2; Stafford Springs (borough), 1; Stamford (city), 1; Tolland, 2; Waterbury (city), 5; Watertown, 1; West Haven (borough), 2; Winchester, 3; Winsted (borough), 9.—Total, 120 in 33 towns.

**Whooping Cough.**—Bridgeport, 3; Brooklyn, 1; Chaplin, 10+; Colchester (town and borough), "few"; Derby, 1; Eastford, 5; Greenwich, 2; Guilford, 3; Hartford, 1; Lebanon, 2; Lyme, 3; Madison, 1; Mansfield, 1; Naugatuck, 1; Norfolk, 1; Plainfield, 5; Salem, "epidemic"; Saybrook, 2; Southbury, 1; South Norwalk (city), "numerous"; Suffield, 1; Trumbull, 4; Waterbury (city), 2; Wilton, 4; Woodstock, 12.—Total, 66+ in 25 towns.

**Typhoid Fever.**—Bridgeport, 2; Danielson (borough), 1; Derby, 1; East Hartford, 1; East Windsor, 1; Enfield, 2; Fairfield, 1; Glastonbury, 1; Greenwich, 2; Groton (borough), 2; Hartford, 2; Middletown (city), 1; Middletown (town), 1; Milford, 1; Naugatuck, 2; New Haven, 5; New Milford, 1; Norfolk, 1; North Canaan, 1; Norwich, 1; Old Saybrook, 1; Plymouth, 1; South Norwalk (city), 1; Stafford Springs (borough), 1; Stamford (city), 3; Waterbury (city), 2.—Total, 39 in 25 towns.

**Consumption.**—Ansonia, 3; Ashford, 1; Bloomfield, 1; Bridgeport, 3; Brookfield, 1; Hampton, 1; Hartford, 4; Killingly, 2; Meriden (city), 1; Middletown (city), 1; Middletown (town), 1; Naugatuck, 2; North Haven, 1; Norwalk, 1; Old Lyme, 2; Plainfield, 1; Plymouth, 1; Putnam (town and city), 2; Shelton (borough), 2; South Norwalk (city), 1; Stamford (city), 1; Wallingford, 1; Waterbury (city), 2.—Total, 36 in 22 towns.

In addition to the above, the Health Officers of seventy-five towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Windham and Tolland

\* Nine delayed certificates for May have been received since the publication of the last Bulletin.

Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Burlington, Simsbury.  
 NEW LONDON Co.—Lisbon.  
 FAIRFIELD Co.—Danbury (city and town), New Canaan (town and borough).  
 LITCHFIELD Co.—Bethlehem, Bridgewater.  
 MIDDLESEX Co.—East Haddam, Middlefield, Portland.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Cromwell, 1.  
**Scarlet Fever.**—Goshen, 1.  
**La Grippe.**—Redding, 1; Washington, 1.  
**Diphtheria and Croup.**—New Hartford, 1; Plainville, 1; Plymouth, 1; Roxbury, 2; Tolland, 1.—Total, 6.  
**Whooping Cough.**—Eastford, 1; Griswold, 1; Guilford, 1; Pomfret, 1.—Total, 4.  
**Typhoid Fever.**—East Windsor, 1; Ridgefield, 1; Seymour, 1.—Total, 3.  
**Consumption.**—Berlin, 1; Bloomfield, 1; Bozrah, 1; Chatham, 1; East Haddam, 1; Plainfield, 1; Portland, 1; Ridgefield, 1; Roxbury, 1; Saybrook, 1; Stafford, 1; Trumbull, 1; West Hartford, 1; Westport, 1; Wethersfield, 1; Wolcott, 1.—Total, 16.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis .....	8	21	.. 29
release .....	16	13	.. 29
Tuberculosis .....	27	59	.. 86
Typhoid Fever .....	7	14	1 22
Rabies .....	3	2	.. 5

Total specimens examined ..... 171  
 Samples of water analyzed ..... 7

Surgeon General Wyman of the United States Public Health and Marine Hospital Service, in the course of a public address delivered recently, has this to say:

"The sanitary movements of the present time are answering the question, 'Am I my brother's keeper?' and the answer is 'Yes!' There is more than a sentimental or religious reason in this answer; there is a practical and self-protecting reason why every portion of the community should be interested in the sanitary welfare of every other portion—why the more prosperous should interest themselves in preventing the less prosperous from living under unhygienic conditions, in insanitary dwellings, or with indifference to the natural laws of health.

"There is no part of any community which is not affected by the sanitary condition of every other part. The prosperous, intelligent and ruling members, who are indifferent to the sanitary welfare of the ignorant, or the poor, or even the vicious, are thereby endangering themselves. The disease germ is too often considered a myth or something far away from the healthy and prosperous. It is invisible to the naked eye, but so is the air we breathe. It is an entity; it has real existence. The disease germ is a social climber. Its existence is not stationary. It goes calling, with the old clothes and person of the inhabitant of the foul den, who surely will visit friends less degraded, and these have friends of higher degree. So that, slowly or rapidly as the case may be, the germ struggles upward and is carried to the top.

"This shows the necessity of the absolute elimination of the slums in every city. There is no adequate reason why slums should exist anywhere, and by slums I mean places where, through bad drainage, imperfect sewerage, inadequate air space, lack of pure water and lack of sunlight, human beings are subject to disease and crime-inducing conditions.

"The existence of slums in a city is that city's fault; not its misfortune. Our ambition should be a slumless country, and, as this means simply municipal cleanliness and decency, there can be no good reason why it should not be brought about. The chief pride of a city should not be its boulevards and handsome buildings, but that nowhere within its boundaries can be found slum conditions as just described. Under more perfect sanitary environments we live longer, we live better."

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
 Superintendent of Vital Statistics.

HARTFORD, July 15, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	67	40	54	0	Cloudy	36	29.93	30.22
2	50	44	47	1.24	Cloudy	00	29.51	
3	57	45	51	.05	Cloudy	3		
4	75	42	58	0	Partly Cloudy	55		
5	58	50	54	.71	Cloudy	0		
6	63	48	56	T	Cloudy	16		
7	66	51	58	0	Partly Cloudy	43		
8	74	48	61	0	Clear	82		
9	69	50	60	T	Partly Cloudy	72		
10	62	50	56	T	Cloudy	16		
11	69	49	59	0	Partly Cloudy	51		
12	74	46	60	0	Partly Cloudy	72		
13	74	47	60	0	Partly Cloudy	79		
14	68	49	58	.07	Cloudy	14		
15	82	54	68	0	Partly Cloudy	41		
16	84	52	68	0	Clear	80		
17	86	60	73	0	Cloudy	41		
18	89	65	77	0	Clear	78		
19	81	63	72	0	Partly Cloudy	63		
20	79	62	70	.08	Cloudy	30		
21	87	64	76	.02	Partly Cloudy	56		
22	90	60	75	0	Clear	80		
23	87	64	76	0	Clear	86		
24	82	61	72	0	Clear	69		
25	87	67	77	.13	Cloudy	45		
26	88	67	78	.16	Cloudy	41		
27	72	57	64	0	Clear	93		
28	84	57	70	0	Clear	80		
29	78	62	70	.39	Cloudy	16		
30	72	59	66	.59	Cloudy	26		
Mean	75.1	54.4	64.8	3.44				

TEMPERATURE.			
Highest	90°	date 22	lowest 40°
Greatest daily range	33.4°	date 4	
Least daily range	6°	date 2	

MEAN FOR THIS MONTH IN			
1905	66°	1906	68°
1907	65°		
Mean of this month for 3 years			66
Absolute maximum for this month for 3 years			90
Absolute minimum for this month for 3 years			40
Average daily deficiency (—) of this month as compared with mean of 3 years			1.5

PRECIPITATION.	
Total this month	3.44
Snowfall	0
Greatest precipitation in 24 hours	1.25, date 2, 3
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN			
1905	4.85	1906	2.19
1907	3.44		
Average of this month for 3 years			3.49
Deficiency (—) of this month as compared with average of 3 years			0.05

WIND.	
Prevailing direction	S
Total movement	4,931 miles
Average hourly velocity	6.8
Maximum velocity (for five minutes) 24 miles per hour, from West on 27th.	

WEATHER.	
Number of clear days	8
Partly cloudy	9
Cloudy	13
On which .or inch, or more, of precipitation occurred	10

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	1
Thunderstorms	15, 20, 25, 26
*Frosts: light, heavy, killing	None; None; None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1907,  
and a Statement of the Births and Marriages for the Month of June, 1907.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Pauperial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,320	32	1	29	29	24.3	20	---	68.9	---	---	---	---	---	---	---	---	---	---	---	---	17	---	---	1	1	4	---	2	4
Brantford, .....	6,580	13	2	7	12.7	3	---	---	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bridgport, .....	86,490	212	8	152	168	22.4	65	14	47.0	1	---	---	---	---	---	2	1	---	---	---	---	46	3	3	1	4	4	9	86	
Bristol, .....	11,225	20	3	12	12.8	4	2	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury, .....	19,475	28	1	23	32	10.7	7	2	28.1	---	---	---	---	---	---	---	1	---	---	---	---	3	2	2	3	4	1	6	2	
Derby, .....	9,375	28	2	22	15	19.3	8	1	60.0	---	---	---	---	---	---	---	---	---	---	---	---	4	---	---	---	---	---	---	---	
East Hartford, .....	7,750	15	1	6	11	16.9	1	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield, .....	6,350	13	17	9	7.2	2	1	33.3	---	---	---	---	---	---	---	---	1	---	---	---	---	4	---	---	---	---	---	---	---	
Greenwich, .....	13,600	18	3	20	34	22.6	13	---	38.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton, .....	6,258	7	10	6	11.5	1	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden, .....	5,116	9	6	8	8	18.6	3	---	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford, .....	98,490	168	5	139	135	13.5	35	12	34.8	3	---	---	---	---	---	1	2	1	---	---	---	3	1	8	4	---	---	---	---	
Hartington, .....	6,668	9	1	7	14	25.2	7	1	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killing, .....	6,790	17	7	6	10.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	12,206	30	3	18	13	12.7	3	---	22.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	30,090	75	1	48	40	15.1	13	6	47.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown, .....	19,080	34	2	31	36	12.5	10	3	36.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck, .....	13,567	20	---	22	18	15.9	8	2	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	34,638	104	4	56	83	28.7	38	15	63.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven, .....	423,420	278	17	189	195	17.0	53	10	32.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New London, .....	20,200	44	2	31	43	24.9	15	2	39.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	5,424	8	---	6	4	8.8	---	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	21,161	36	---	36	28	14.5	4	4	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich, .....	25,750	44	2	47	32	14.4	7	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	8,715	11	12	14	19.2	7	2	64.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam, .....	7,933	11	2	7	7	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,162	14	1	7	6	11.6	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	21,036	27	1	51	39	22.2	7	4	28.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,490	14	14	11	13.9	1	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	7,045	10	1	6	3	5.1	1	1	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	16,940	32	2	30	14	9.3	7	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	8,260	15	---	15	7	10.1	2	1	45.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford, .....	10,660	26	2	11	19	21.3	2	3	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	63,700	157	7	90	114	21.2	53	11	56.1	2	---	---	---	---	---	---	1	2	---	---	---	---	---	---	---	---	---	---	---	
Winchester, .....	8,870	12	1	13	8	10.8	---	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,210	17	1	14	11	9.4	1	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 36 above towns, .....	784,219	1608	76	1206	1228	18.7	402	101	40.9	---	10	5	2	5	5	7	3	10	4	1	274	18	78	44	11	91	93	106	461	
128 towns of less than 5,000 inhabitants	231,910	355	14	209	280	14.4	57	16	26.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 164 towns, .....	1,016,129	1963	90	1415	1508	17.8	459	117	38.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting .....	5,021	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was : in Bridgeport, 28 ; in Danbury, 21 ; in Greenwich, 5 ; in Hartford, 53 ; in Meriden, 3 ; in Middletown, 17 ; in New Britain, 7 ; in New Haven, 59 ; in New London, 4 ; in Norwich, 4 ; in Norwalk, 3 ; and in Waterbury, 12. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July : Ashford, Barkhamsted, Bolton, Bridgewater, Brookfield, Eastford, Franklin, Goshen, Hampton, Hebron, Kent, Lebanon, Ledyard, Mansfield, Marlborough, Middlebury, New Fairfield, New Hartford, Pomfret, Prospect, Roxbury, Saybrook, Union, Voluntown, Weston.—Total, 25.

The Registrars of the following towns have made no report for July : Canaan, Hartland, Watford, Wolcott. —Total, 4.

# REMARKS.

By mortality reports received there were 1,508 deaths during the month of July. This was 283 more than in June, and 29 less than in July of last year, and 26 less than the average number of deaths during July for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,696	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,233	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,191
May,	1,329	1,404	1,199	1,317	1,265	1,100
June,	*1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	1,508	1,537	1,650	1,409	1,414	1,394

The death rate was 18.7 for the large towns, for the small towns 14.4, and for the whole state 17.8. The deaths reported from infectious diseases were 152, being 10.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 12; Bethel, 1; Bridgeport, 7; Bridgewater, 1; Canton, 1; Cornwall, 1; Coventry, 1; Derby, 3; East Haddam, 2; Enfield, 12; Groton, 1; Guilford, 6; Hamden, 2; Hartford, 11; Middletown, 2; New Haven, 5; Norwalk (city), 10; Norwalk (town), 6; Norwich, 1; Oxford, 6; Putnam, 1; Redding, 2; Rockville (city), 20+; Seymour, 1; Sharon, 1; Shelton (borough), 1; Stafford, 1; Stamford (city), 4; Torrington (town and borough), 6; Waterbury, 14; Westbrook, 1; Willimantic (city), 3.—Total, 143 in 13 towns.

**Scarlet Fever.**—Branford, 1; Bridgeport, 8; Canton, 1; Danbury (city), 1; Danbury (town), 1; Darien, 1; East Granby, 2; East Haddam, 2; East Hartford, 1; Greenwich, 2; Hartford, 5; Meriden (city), 2; Middletown (city), 1; Milford, 1; Naugatuck, 2; New Canaan, 1; New Haven, 5; Norwalk, 4; Norwich (city), 3; Old Saybrook, 1; Redding, 1; Rockville (city), 4; Shelton (borough), 1; Stamford (city), 1; Stamford (town), 1; Trumbull, 1; Waterbury, 3; West Haven (borough), 5; Westport, 1; Winsted (borough), 1.—Total, 64 in 28 towns.

**Cerebro Spinal Fever.**—Somers, 1.

**Diphtheria and Croup.**—Bridgeport, 16; Bridgewater, 2; Bristol, 1; Danbury (city), 4; Darien, 2; Derby, 1; Durham, 1; East Lyme, 1; Ellington, 1; Essex, 1; Glastonbury, 3; Greenwich, 1; Groton (borough), 13; Hartford, 8; Huntington, 1; Middletown (city), 1; Middletown (town), 0; Naugatuck, 1; New Canaan, 1; New Haven, 14; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Plainfield, 2; Ridgefield (borough), 7; Seymour, 1; Shelton (borough), 3; South Norwalk (city), 2; Torrington (town and borough), 4; Wallingford, 1; Watertown, 1; West Haven (borough), 1; Winsted (borough), 7; Woodbridge, 1; Woodbury, 1.—Total, 117 in 34 towns.

**Whooping Cough.**—Bridgeport, 1; Chaplin, 10+; Chatham, "very prevalent"; Cheshire, 2; Eastford, 10; East Haddam, "Yes"; East Windsor, "epidemic"; Greenwich, 2; Hartford, 12; Hebron, 1; Litchfield (town and borough), 2; Middletown, 1; North Canaan, 1; Norwalk (city), 5; Roxbury, 5; Simsbury, 17.—Total, 69+ in 16 towns.

**Typhoid Fever.**—Ansonia, 1; Avon, 1; Branford, 1; Bridgeport, 3; Danbury (city), 1; Danbury (town), 1; Derby, 1; Eastford, 1; Ellington, 1; Enfield, 2; Granby, 1; Guilford, 1; Hartford, 10; Madison, 1; Manchester, 1; Meriden (city), 1; New Haven, 6; Newington, 1; North Canaan, 2; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Old Saybrook, 1; Salisbury, 1; Somers, 1; Southington, 1; South Norwalk (city), 1; Torrington (town and borough), 3; Waterbury, 4; Westbrook, 1; Willington, 1.—Total, 55 in 28 towns.

**Consumption.**—Bridgeport, 3; Chester, 1; Hartford, 2; Jewett City (borough), 1; Manchester, 1; Meriden (city), 1; Meriden (town), 1; Middletown, 3; Milford, 1; Naugatuck, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Old Saybrook, 1; Plymouth, 1; Portland, 1; Stamford (city), 1; Waterbury, 5; Waterford, 1; Woodbury, 1.—Total, 29 in 18 towns.

In addition to the above, the Health Officers of the following towns report that they have not been notified of any infectious diseases.

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Cheshire, Clinton, Colchester, Colebrook, Columbia, Cromwell, Danielson (borough), East Haven, Fairfield, Farmington, Goshen, Griswold, Haddam, Hampton, Hartland, Harwinton, Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Monroe, Montville, Mor-

ris, New Fairfield, New Hartford, New Milford, Norfolk, North Branford, North Stonington, Old Lyme, Plainville, Preston, Prospect, Ridgefield, Rocky Hill, Saybrook, Scotland, Sherman, Southbury, South Windsor, Sprague, Stafford Springs (borough), Sterling, Stratford, Suffield, Thomaston, Thompson, Tolland, Union, Vernon, Voluntown, Warren, Washington, West Hartford, Weston, Wethersfield, Wilton, Winchester, Windham, Windsor, Windsor Locks, Wolcott, Woodstock.—Total, 84.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Suffield, 1.

**Cerebro Spinal Fever.**—Somers, 1.

**Diphtheria and Croup.**—Darien, 2; Washington, 1.

**Whooping Cough.**—New Canaan, 1.

**Typhoid Fever.**—Willington, 1.

**Consumption.**—Bethel, 1; Bozrah, 1; Cheshire, 1; Coventry, 1; Glastonbury, 1; Guilford, 2; Litchfield, 1; Morris, 1; North Branford, 1; North Haven, 1; Salisbury, 2; Stafford, 1; Stratford, 1; Trumbull, 1.—Total, 16.

All the Health Officers of Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—New Britain (town and city).

NEW HAVEN Co.—Orange.

NEW LONDON Co.—Franklin, Salem, Stonington (town and borough).

FAIRFIELD Co.—Easton, Newtown.

WINDHAM Co.—Pomfret.

MIDDLESEX Co.—Middletown.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis.....	20	9	..
release.....	43	14	..
Tuberculosis.....	25	41	..
Typhoid Fever.....	10	13	I
Rabies.....	3	2	..
Total specimens examined.....	181		
Samples of water analyzed.....	10		

## THE FIGHT AGAINST TUBERCULOSIS.

The sanitarians and others who have been engaged in the fight against the great white plague should feel encouraged by the results accomplished, whereby during the past twenty years the annual death rate from tuberculosis has been reduced from 20 per 10,000 of population in 1886 to 13.5 in 1906, or, in other words, the deaths from this disease at the present time are six hundred less per annum than they would have been with the death rate of 1886. The appointment by Governor Woodruff of a Commission to consider this subject and report to the next Legislature what the State should do to aid in the work, is most timely and ought to be productive of much good. Connecticut in the past has been liberal in her appropriations to the two institutions at Hartford and Wallingford, and has also aided by the enactment and enforcement of some wise laws for improving the hygienic conditions of the tenements and workshops.

One of the needs of the present day is a place where the chronic or incurable consumptives can be cared for, a less attractive field than the care of the incipient cases. The existing sanatoria are generally for the treatment of the incipient stage of the disease; the advanced cases are not wanted, nor are they welcomed in the General Hospitals. Such a home would not only provide comfortable care for these unfortunate beings, but would remove them from the danger of infecting other members of the community.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, August 15, 1907.

\* Fourteen delayed certificates for June have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	66	61	74	0	Partly Cloudy	75	29.87	30.19
2	79	65	72	.23	Cloudy	33	29.59	
3	73	61	67	0	Partly Cloudy	74		
4	80	52	66	0	Partly Cloudy	72		
5	83	55	69	0	Partly Cloudy	87		
6	85	61	73	.02	Partly Cloudy	47		
7	82	64	73	0	Partly Cloudy	54		
8	87	65	76	0	Partly Cloudy	62		
9	85	69	77	0	Partly Cloudy	74		
10	81	62	72	0	Partly Cloudy	65		
11	68	61	64	.68	Cloudy	00		
12	82	60	71	.02	Cloudy	30		
13	78	59	68	0	Clear	88		
14	85	57	71	0	Partly Cloudy	65		
15	81	59	70	0	Partly Cloudy	49		
16	80	62	71	0	Cloudy	30		
17	88	71	80	.15	Cloudy	36		
18	92	70	81	.07	Partly Cloudy	66		
19	88	70	79	0	Partly Cloudy	85		
20	81	66	74	.37	Cloudy	31		
21	80	64	72	0	Clear	100		
22	82	61	72	.01	Partly Cloudy	41		
23	83	67	75	0	Partly Cloudy	60		
24	79	60	70	T	Partly Cloudy	50		
25	89	67	78	0	Partly Cloudy	61		
26	84	65	74	.31	Cloudy	29		
27	77	61	69	0	Clear	100		
28	83	62	72	0	Partly Cloudy	75		
29	83	65	74	T	Partly Cloudy	62		
30	84	64	74	0	Partly Cloudy	59		
31	83	61	72	0	Clear	100		
Mean	82.3	62.8	72.6	1.85				

ATMOSPHERIC PRESSURE.			
(Reduced to sea level; inches and hundredths.)			
Mean	29.87	highest	30.19
Lowest	29.59	date	15
		date	26

TEMPERATURE.	
Highest	92°; date 18; lowest 52°; date 4
Greatest daily range	28°; date 4
Least daily range	7°; date 11

MEAN FOR THIS MONTH IN			
1905	73°	1906	72°
1907	73°		
Mean of this month for 3 years			72
Absolute maximum for this month for 3 years			95
Absolute minimum for this month for 3 years			51
Average daily excess of this month as compared with mean of 3 years			0.2

PRECIPITATION.	
Total this month	1.86
Snowfall	0
Greatest precipitation in 24 hours	0.70, date 11, 12
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN			
1905	2.71	1906	5.09
1907	1.86		
Average of this month for 3 years			3.22
Deficiency (—) of this month as compared with average of 3 years			1.36

WIND.	
Prevailing direction	S
Total movement	4,683 miles
Average hourly velocity	6.3
Maximum velocity (for five minutes)	28 miles per hour, from NW on 27th.

WEATHER.	
Number of clear days	4
Partly cloudy	20
Cloudy	7
On which .or inch, or more, of precipitation occurred	9

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	8, 12
Thunderstorms	6, 17, 20, 26
*Frosts: light, heavy, killing	None; None; None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1907, and a Statement of the Births and Marriages for the Month of July, 1907.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 10 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia.	14,320	26	2	15	27	22.6	10	3	48.1	---	---	---	---	---	---	---	---	---	1	---	---	6	1	1	---	2	2	1	7		
Brantford.	6,580	8	2	13	23.7	8	9	44.1	46.1	---	---	---	---	---	---	---	---	---	2	1	---	36	1	18	7	---	8	11	9	47	
Bridgport.	86,490	233	8	91	143	19.1	55	9	44.7	1	---	---	---	---	---	---	---	---	2	1	---	2	1	18	7	---	8	11	9	47	
Bristol.	11,225	22	1	14	18	16.1	4	3	38.8	---	---	---	---	---	---	---	---	---	1	---	---	6	5	2	1	---	1	---	10	---	
Danbury.	19,475	25	2	9	29	17.8	9	1	34.4	---	---	---	---	---	---	---	---	---	1	---	---	6	5	2	1	---	4	3	4	---	
Derby.	9,300	25	1	14	17	21.9	9	3	70.5	---	---	---	---	---	---	---	---	---	1	---	---	12	1	1	1	---	1	---	2	---	
East Hartford.	7,770	15	1	12	18.5	3	1	33.3	---	---	---	---	---	---	---	---	---	---	1	---	---	12	1	1	1	---	1	---	1	7	
Enfield.	6,350	17	2	14	20	37.7	10	3	65.0	2	---	---	---	---	---	---	---	---	---	---	---	11	1	1	---	---	---	1	1	6	
Greenwich.	13,600	27	4	12	32	28.2	12	2	43.7	---	---	---	---	---	---	---	---	---	---	---	---	11	1	1	---	---	---	1	3	16	
Groton.	6,258	14	---	3	12	23.0	5	---	41.6	---	---	---	---	---	---	---	---	---	---	---	---	11	1	1	---	---	---	1	1	5	
Hartford.	5,146	4	---	2	10	23.3	5	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	11	1	1	---	---	---	1	1	4	
Hartford.	98,490	178	9	77	162	16.8	55	9	39.4	---	---	---	---	---	---	---	---	---	2	---	---	33	3	9	14	1	14	12	7	39	
Huntington.	6,668	15	1	6	13	23.2	5	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	4	---
Killingly.	6,700	12	1	6	13	23.2	5	1	46.1	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Manchester.	12,206	28	1	6	18	17.6	7	3	55.5	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Meriden.	30,990	68	4	21	44	16.6	16	3	43.1	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Middletown.	19,080	44	1	21	66	30.8	24	4	42.4	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Naugatuck.	13,507	35	1	14	16	14.1	5	3	50.0	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
New Britain.	34,638	116	3	49	57	19.7	25	6	54.3	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
New Haven.	123,420	294	14	99	192	17.9	45	12	29.6	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
New London.	20,200	50	2	18	47	25.5	20	2	46.8	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
New Milford.	5,424	10	1	1	6	13.2	1	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Norfolk.	21,461	33	4	10	40	22.3	13	1	35.0	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Norwich.	25,750	65	1	18	65	27.4	16	8	36.9	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Orange.	8,715	17	1	2	18	24.7	3	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Punam.	7,933	2	---	6	10	15.1	5	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Southington.	6,162	21	3	5	18	35.0	8	2	55.5	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Stamford.	21,936	53	17	54	27.9	18	8	48.0	---	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Stonington.	9,490	18	1	8	14	17.7	6	2	57.1	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Thompson.	7,045	9	1	8	12.2	3	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Torrington.	16,940	47	1	14	22	15.5	11	1	54.5	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Vernon.	8,260	20	1	5	13	18.8	6	1	53.8	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Wallingford.	10,600	33	---	5	11	11.2	3	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Waterbury.	63,700	186	12	43	102	19.0	41	11	53.9	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Winchester.	8,870	17	1	14	18.9	4	---	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Windham.	10,210	23	1	7	15	17.6	2	---	13.3	---	---	---	---	---	---	---	---	---	---	---	---	33	3	9	1	---	1	---	1	1	---
Total of the 36 above towns.	784,219	1810	86	523	1395	20.8	475	109	42.7	---	4	1	1	2	7	16	---	---	27	1	1	332	46	98	46	9	122	95	80	477	
129 towns of less than 5,000 inhabitants	232,614	298	18	118	391	20.1	115	17	33.7	---	---	---	---	---	---	---	---	---	---	5	2	---	82	13	25	7	---	50	31	25	143
Total reported from 165 towns.	1,016,833	2108	104	641	1756	20.7	590	126	40.7	---	4	1	2	4	8	19	1	32	3	1	414	59	123	53	9	172	126	105	620	---	
Population of towns not reporting	4,317	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 28; in Danbury, 2; in Greenwich, 1; in Hartford, 55; in Meriden, 5; in Middletown, 22; in New Britain, 3; in New Haven, 52; in New London, 13; in Norwich, 3; in Norfolk, 14; in Stamford, 8; in Wallingford, 1; in Waterbury, 11; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Barkhamsted, Bolton, Bozrah, Brookfield, East Haven, Easton, Franklin, Haddam, Hampton, Hartland, Hebron, Killingworth, Marlborough, North Stonington, Simsbury, Union, Warren, Washington, Westbrook, Wolcott.—Total, 21.

The Registrars of the following towns have made no report for August: Beacon Falls, Chaplin, Newtown.—Total, 3.

# REMARKS.

By mortality reports received there were 1,756 deaths during the month of August. This was 240 more than in July, and 106 more than in August of last year, and 320 more than the average number of deaths during August for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,696	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,393	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,191
May,	1,329	1,404	1,190	1,317	1,265	1,100
June,	1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	*1,516	1,537	1,650	1,499	1,414	1,394
August,	1,756	1,650	1,417	1,362	1,404	1,348

The death rate was 20.8 for the large towns, for the small towns 20.1, and for the whole state 20.7. The deaths reported from infectious diseases were 197, being 11.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 7; Bridgeport, 5; Cheshire, 2; Enfield, 12; Hartford, 2; Middlebury, 1; New Hartford, 1; Portland, 2; Salisbury, 2; Stamford (city), 3.—Total, 37 in 10 towns.

**Scarlet Fever.**—Branford, 1; Bridgeport, 1; Cheshire, 2; Danbury (city), 3; Danielson (borough), 1; Darien, 2; East Haddam, 2; Ellington, 1; Greenwich, 1; Hartford, 6; Hartland, 1; Lyme, 2; Middletown (city), 1; New Britain, 3; New Haven, 3; Norwich (city), 1; Old Saybrook, 1; Putnam, 1; Rockville (city), 7; Seymour, 1; Southington, 1; Stafford Springs (borough), 1; Stamford (city), 1; Thompson, 1; Washington, 1; Wilton, 1; Windsor Locks, 1.—Total, 48 in 27 towns.

**Cerebro Spinal Fever.**—Bethel, 1; Greenwich, 1; Middletown, 1; Norwalk (city), 1.—Total, 4 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 4; Bethel, 1; Bridgeport, 14; Bristol, 1; Canton, 1; Colchester, 3; Danbury (city), 1; Durham, 1; East Windsor, 3; Greenwich, 2; Groton (borough), 2; Hartford, 5; Meriden (city), 1; Middletown, 1; New Britain, 3; New Haven, 4; Norwich (city), 1; Plainfield, 1; Plymouth, 1; Shelton (borough), 1; Southington, 1; South Norwalk (city), 1; Thomaston, 1; Waterbury, 6; West Haven (borough), 1; Winsted (borough), 2.—Total, 62 in 26 towns.

**Whooping Cough.**—Branford, 1; Bridgeport, 2; Cheshire, 1; Hartford, 4; Jewett City (borough), 2; Norfolk, 5; North Haven, 2; Norwalk (city), 5; Roxbury, 1; Shelton (borough), 2; South Norwalk (city) "few," Stamford (city), 1; Waterbury, 2.—Total, 28+ in 13 towns.

**Typhoid Fever.**—Ansonia, 30; Beacon Falls, 1; Bloomfield, 1; Branford (town and borough), 2; Bridgeport, 12; Bristol, 1; Burlington, 1; Chester, 1; Colchester, 1; Cromwell, 1; Danbury (city), 4; Danbury (town), 1; Danielson (borough), 1; Darien, 1; Derby, 3; Eastford, 1; Guilford, 2; Hamden, 2; Hartford, 23; Hartland, 1; Huntington, 1; Manchester, 9; Middletown, 1; Milford, 3; Naugatuck, 1; New Britain, 4; New Haven, 47; North Canaan, 1; North Haven, 1; Norwalk (city), 5; Norwalk (town), 2; Old Saybrook, 1; Plymouth, 1; Ridgefield, 2; Rockville (city), 3; Seymour, 5; Southbury, 1; Southington, 3; South Norwalk (city), 5; Stamford (city), 5; Thompson, 1; Torrington (borough), 2; Waterbury, 12; Westbrock, 2; West Haven (borough), 6; Westport, 1; Wilton, 2; Windsor Locks, 4.—Total, 221 in 46 towns.

**Consumption.**—Bozrah, 1; Branford, 1; Bridgeport, 8; Bridgewater, 1; Cheshire, 3; Cornwall, 1; Danielson (borough), 1; Darien, 2; Derby, 2; Hartford, 15; Madison, 2; Meriden (city), 5; Middletown, 1; Milford, 1; Naugatuck, 1; Norwalk (city), 2; Norwich (city), 2; Plainfield, 1; Seymour, 1; Sharon, 2; Shelton (borough), 1; South Norwalk (city), 2; Stamford (city), 2; Suffield, 1; Wallingford, 1; Waterbury, 2; Wilimantic (city), 2.—Total, 64 in 27 towns.

In addition to the above, the Health Officers of the following towns report that they have not been notified of any infectious diseases.

Andover, Ashford, Avon, Barkhamsted, Berlin, Bethany, Bethlehem, Bolton, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Chatham, Clinton, Columbia, Coventry, East Granby, East Hartford, East Haven, East Lyme, Easton, Essex, Fairfield, Farmington, Franklin, Glastonbury, Goshen, Granby, Griswold, Groton, Haddam, Hampton, Harwinton, Hebron, Kent, Killingly, Lebanon, Ledyard, Lisbon, Litchfield, Mansfield, Marlborough, Meriden, Monroe, Montville, Mor-

\* Eight delayed certificates for July have been received since the publication of the last Bulletin.  
 † Includes 9 non-resident cases in hospitals.  
 ‡ Includes hospital cases from out of city.

ris, New Fairfield, Newington, New Milford, North Branford, North Stonington, Norwich, Old Lyme, Orange, Oxford, Plainville, Pomfret, Preston, Prospect, Redding, Ridgefield (borough), Rocky Hill, Salem, Saybrook, Scotland, Sherman, Somers, Sprague, Stafford, Stamford, Sterling, Stonington (town and borough), Stratford, Toiland, Torrington, Union, Vernon, Vinton, Warren, Waterford, Watertown, West Hartford, Weston, Wethersfield, Willington, Winchester, Windham, Windsor, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 93.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Woodbury, 1.  
**Cerebro Spinal Fever.**—Darien, 1; East Haddam, 1.  
**Diphtheria and Croup.**—Seymour, 1.  
**Whooping Cough.**—Portland, 1; Salem, 1; West Hartford, 1.  
**Typhoid Fever.**—Berlin, 1; Burlington, 1; Chester, 1; Newington, 1; Westport, 1.—Total, 5.  
**Consumption.**—Avon, 1; Bridgewater, 1; Burlington, 1; Canaan, 1; Canton, 1; Cheshire, 1; Columbia, 1; East Lyme, 1; Kent, 1; Milford, 1; New Canaan, 1; New Hartford, 1; North Canaan, 1; North Haven, 1; Old Lyme, 1; Old Saybrook, 1; Plymouth, 1; Pomfret, 1; Salisbury, 1; Saybrook, 1; Stratford, 1; West Hartford, 1; Westport, 1; Wethersfield, 1; Welton, 1.—Total, 25.

All the Health Officers of New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Simsbury, South Windsor.  
 NEW LONDON Co.—New London.  
 FAIRFIELD Co.—New Canaan (town and borough), Newtown, Trumbull.  
 LITCHFIELD Co.—Colebrook.  
 MIDDLESEX Co.—Killingworth, Middlefield.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	12	7	..	19
release.....	40	14	..	54
Tuberculosis.....	23	44	..	67
Typhoid Fever.....	33	35	1	69
Rabies.....	..	4	..	4
Total specimens examined.....				213
Samples of water analyzed.....				18

## BACILLUS CARRIERS.

Health officers in investigating the cause of typhoid fever have a new problem to consider, in the chronic bacillus carrier, which has hitherto been unrecognized and which it will be bear in mind.

It has become known, chiefly through the studies of some German investigators, that the typhoid fever bacillus may persist in the human body for some time after an attack of typhoid fever. Cases have been reported where the patients have been carriers of the disease for years without suffering any inconvenience themselves. Kutscher thinks that about four per cent. of typhoid patients become chronic carriers of the specific bacilli which they excrete in both urine and feces for long periods, and cases have been cited in which the specific bacilli were isolated from the gall bladder seventeen and even twenty years after recovery. Apparently healthy people have been found, who have never had typhoid fever, but yet are the carriers of bacilli, which may be given off from time to time to infect susceptible persons,—this tolerance being possibly acquired by repeated invasions of attenuated or mild bacilli. All members of a family may acquire this tolerance, if their water supply is affected, and be carriers, while a visitor not being immune may acquire the disease.

Soper of New York reports a case which has been described in the public press as a "typhoid factory." This was a woman who had had typhoid fever about six years prior to her discovery. Since that time she had worked as a cook in several families, and twenty-eight cases of typhoid occurred in the families in which she worked. The evidence against her seemed so strong that she was forcibly removed to a hospital, where an examination of her urine and feces confirmed the suspicion that she was a typhoid carrier.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
 Superintendent of Vital Statistics.

HARTFORD, September 16, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	83	65	74	T	Cloudy	33	30.00	30.36	19
2	86	60	73	o	Partly Cloudy	62	29.68		25
3	82	64	73	o	Partly Cloudy	70			
4	75	56	66	.25	Partly Cloudy	52			
5	78	54	66	T	Partly Cloudy	57			
6	80	64	72	.03	Cloudy	21			
7	87	62	74	o	Partly Cloudy	73			
8	85	68	76	o	Partly Cloudy	77			
9	79	60	70	o	Partly Cloudy	41			
10	87	60	74	o	Partly Cloudy	77			
11	90	63	76	o	Partly Cloudy	62			
12	94	68	81	o	Partly Cloudy	66			
13	84	70	77	T	Partly Cloudy	61			
14	75	60	68	o	Clear	100			
15	77	50	64	o	Clear	93			
16	77	52	64	o	Partly Cloudy	62			
17	78	63	70	.08	Cloudy	25			
18	81	63	72	T	Partly Cloudy	70			
19	82	51	66	o	Clear	100			
20	84	56	70	o	Partly Cloudy	69			
21	80	62	71	T	Cloudy	27			
22	76	60	68	T	Clear	85			
23	78	60	69	T	Cloudy	26			
24	65	54	60	.64	Cloudy	0			
25	76	61	68	T	Partly Cloudy	67			
26	72	54	63	o	Clear	98			
27	73	53	63	.03	Cloudy	17			
28	74	58	66	o	Partly Cloudy	68			
29	73	51	62	o	Clear	100			
30	74	49	62	T	Cloudy	33			
31	72	55	64	o	Partly Cloudy	71			
Mean	79.3	58.9	69.1	1.03					

### TEMPERATURE.

Highest..... 94°; date 12; lowest..... 49°; date 30  
 Greatest daily range..... 31°; ..... date 19  
 Least daily range..... 11°; ..... date 24

### MEAN FOR THIS MONTH IN

1905..... 68° 1906..... 73° 1907..... 69°  
 Mean of this month for 3 years..... 70  
 Absolute maximum for this month for 3 years..... 94  
 Absolute minimum for this month for 3 years..... 45  
 Average daily deficiency (—) of this month as compared with mean  
 of 3 years..... 0.9

### PRECIPITATION.

Total this month ..... 1.03  
 Snowfall ..... 0  
 Greatest precipitation in 24 hours 0.64, date ..... 24  
 Snow on the ground at end of month ..... 0

### TOTAL PRECIPITATION THIS MONTH IN

1905..... 5.08 1906..... 2.65 1907..... 1.03  
 Average of this month for 3 years..... 2.92  
 Deficiency (—) of this month as compared with average of 3 years. 1.89

### WIND.

Prevailing direction ..... S  
 Total movement ..... 4,615 miles  
 Average hourly velocity ..... 6.2  
 Maximum velocity (for five minutes) 25 miles per hour,  
 from S on 2d.

### WEATHER.

Number of clear days ..... 6  
 Partly cloudy ..... 17  
 Cloudy ..... 8  
 On which .01 inch, or more, of precipitation occurred ..... 5

### MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... None  
 Halos, solar ..... None  
 Halos, lunar ..... None  
 Hail ..... None  
 Sleet ..... None  
 Fog ..... 2, 11  
 Thunderstorms ..... 2, 17  
 \*Frosts: light, ..... None; heavy, ..... None; killing, ..... None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1907, and a Statement of the Births and Marriages for the Month of August, 1907.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.				
Ansonia, -----	14,320	15	3	12	20	16.7	9	2	40.0	---	1	---	---	---	2	---	---	2	---	---	2	---	---	4	1	---	9	---				
Barnard, -----	6,880	10	1	7	8	14.5	5	1	75.0	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	3	13	30			
Bridgport, -----	86,490	266	12	90	107	14.1	31	11	39.2	---	---	---	---	---	4	---	---	2	---	20	---	2	---	---	---	---	6	13	36			
Bristol, -----	11,225	27	1	5	9	6.6	6	1	66.6	---	---	---	---	---	---	---	---	2	---	---	3	---	---	---	---	---	1	2	11			
Danbury, -----	19,475	40	2	17	35	20.3	8	1	25.6	---	---	---	---	---	---	---	---	2	---	1	---	---	---	---	---	---	2	1	5			
Derby, -----	9,300	21	3	3	10	12.0	3	1	40.0	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	1	1	4			
East Hartford, -----	7,770	17	7	7	11	16.9	3	2	27.2	---	---	---	---	---	---	---	---	1	---	---	7	---	---	---	---	---	1	1	4			
Enfield, -----	6,350	24	1	14	16	30.2	3	2	31.2	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	1	5			
Greenwich, -----	13,600	22	1	10	30	25.5	8	4	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	4			
Groton, -----	5,116	16	2	4	9	15.3	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	5			
Hartford, -----	98,490	177	4	73	139	14.6	38	11	35.2	---	---	---	---	---	1	---	---	3	---	19	---	1	---	---	---	---	1	1	5			
Huntington, -----	6,668	17	4	4	3	5.3	1	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	7		
Killingly, -----	6,700	14	4	3	5	10	28.6	5	56.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	5		
Manchester, -----	12,266	23	3	5	10	9.7	3	4	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	1	8		
Meriden, -----	30,990	75	4	13	32	12.0	4	2	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	5		
Middletown, -----	19,080	35	3	24	32	11.9	5	2	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	8		
Naugatuck, -----	13,567	35	1	8	12	10.6	5	2	58.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3		
New Britain, -----	34,698	141	6	46	42	14.2	16	4	47.6	---	---	---	---	---	1	---	---	8	---	12	---	1	---	---	---	---	---	1	1	3		
New Canaan, -----	123,420	308	17	88	145	13.6	36	8	39.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	
New Haven, -----	20,200	47	---	12	46	26.7	16	2	39.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	9	
New Milford, -----	5,424	16	---	3	7	15.4	---	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Norwalk, -----	21,461	43	3	19	41	22.3	11	1	29.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Norwich, -----	25,750	49	3	14	46	21.4	9	7	34.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Orange, -----	8,715	16	---	7	26	35.8	5	---	19.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Putnam, -----	7,993	16	2	4	7	10.5	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Southington, -----	6,162	18	---	6	17	33.1	7	2	52.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Stamford, -----	21,036	52	3	22	49	27.3	20	5	51.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Stonington, -----	9,490	22	---	5	21	26.5	8	3	35.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Thompson, -----	7,045	8	---	6	6	10.2	2	---	35.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Torrington, -----	16,940	43	1	13	8	5.6	3	1	59.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Vernon, -----	8,260	18	1	4	18	26.1	7	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Wallingford, -----	10,690	23	---	4	6	6.7	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Waterbury, -----	63,700	208	6	57	95	17.8	39	9	59.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Winchester, -----	8,870	10	---	5	9	16.2	2	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13
Windham, -----	10,210	26	1	13	19	22.4	5	2	36.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13
Total of the 36 above towns,-----	784,219	1902	83	637	1113	17.0	324	91	37.3	---	3	1	3	6	8	8	34	2	1	151	21	88	44	17	133	100	78	415				
128 towns of less than 5,000 inhabitants	229,221	265	13	128	280	14.6	55	14	24.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21	107	
Total reported from 164 towns,-----	1,013,440	2167	96	765	1393	16.4	379	105	34.7	---	3	2	3	6	9	9	43	2	1	179	33	106	51	21	172	132	99	522				
Population of towns not reporting-----	7,710	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 15; in Danbury, 9; in Greenwich, 7; in Hartford, 50; in Meriden, 9; in Middletown, 17; in New Britain, 4; in New Haven, 39; in New London, 6; in Norwalk, 5; in Norwich, 6; in Stamford, 1; in Waterbury, 6. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Avon, Barkhamsted, Bethany, Bethlehem, Bridgewater, Chaplin, Columbia, East Windsor, Franklin, Hampton, Hartford, Haverhill, Housatonic, Kent, Lisbon, Marlborough, Middlebury, Morris, New Fairfield, North Branford, Pomfret, Rocky Hill, Roxbury, Scotland, Sherman, Trumbull, Washington, Westford, Woodbridge, Woodstock.—Total, 31.

The Registrars of the following towns have made no report for September: Brookfield, Brookland, Simsbury, South Windsor.—Total, 4.

# REMARKS.

By mortality reports received there were 1,393 deaths during the month of September. This was 368 less than in August, and 51 more than in September of last year, and 187 more than the average number of deaths during September for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,096	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,191
May,	1,329	1,404	1,199	1,317	1,265	1,100
June,	1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	*1,518	1,537	1,650	1,409	1,414	1,394
August,	*1,761	1,650	1,417	1,362	1,404	1,348
September,	1,393	1,342	1,196	1,169	1,160	1,166
Total third quarter,	4,672	4,529	4,263	3,940	3,978	3,908

The death rate was 17.0 for the large towns, for the small towns 14.6, and for the whole state 16.4. The deaths reported from infectious diseases were 184, being 13.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Beacon Falls, 1; Enfield, 5; Farmington, 1; New Hartford, 2; New Haven, 1; New Milford, 1; Stamford (city), 2; Torrington, (borough), 3; Winsted (borough), 1.—Total, 17 in 9 towns.

**Scarlet Fever.**—Bethel, 1; Bridgeport, 7; Bristol, 1; East Haddam, 2; Enfield, 1; Farmington, 3; Hartford, 17; Meriden (city), 1; New Britain (city), 2; New Haven, 3; New London, 6; Norwich, 1; Pomfret, 1; Rockville (city), 3; Shelton (borough), 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Waterbury, 1; West Hartford, 2; Windham, 3; Windsor, 1.—Total, 60 in 22 towns.

**Cerebro Spinal Fever.**—Lyme, 1; Naugatuck, 1; New London, 1; West Hartford, 1.—Total, 4 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 5; Ashford, 2; Berlin, 1; Bethel, 1; Bridgeport, 15; Bristol, 2; Brooklyn, 2; Danbury (city), 1; Danielson (borough), 3; Derby, 1; Enfield, 2; Greenwich, 3; Hartford, 13; Naugatuck, 1; New Britain (city), 4; New Haven, 13; Newington, 1; New London, 1; Norwich (city), 1; Plainville, 1; Plymouth, 1; Shelton (borough), 7; Stamford (city), 1; Suffield, 1; Thomaston, 1; Torrington (borough), 2; Waterbury, 9; West Hartford, 3; West Haven (borough), 2.—Total, 100 in 29 towns.

**Whooping Cough.**—Bridgeport, 2; Brookfield, 1; Derby, 1; Greenwich, 1; Madison, 1; Norfolk, 6; New Haven, 10; Portland, 2+; Shelton (borough), 1; Thomaston, 1; Vernon, 9.—Total, 35+ in 11 towns.

**Typhoid Fever.**—Ansonia, 5; Avon, 2; Beacon Falls, 1; Bethel, 1; Bloomfield, 1; Branford (town and borough), 6; Bridgeport, 18; Bristol, 4; Brookfield, 1; Brooklyn, 1; Chatham, 1; Cromwell, 1; Danbury (city), 2; Darien, 1; Derby, 1; Durham, 1; East Hartford, 2; Enfield, 1; Essex, 1; Farmington, 2; Glastonbury, 1; Greenwich, 1; Groton, 1; Guilford, 1; Haddam, 3; Hartford, 43; Huntington, 1; Killingly, 1; Lebanon, 1; Madison, 2; Manchester, 23; Mansfield, 1; Meriden (city), 4; Middletown (city), 2; Milford, 1; Montville, 1; New Britain (city), 32; New Fairfield, 2; New Haven, 41; New London, 9; New Milford, 1; North Canaan, 1; Norwalk (city), 7; Norwalk (town), 3; Norwich (city), 2; Orange, 1; Plainfield, 2; Plainville, 1; Plymouth, 7; Ridgefield (town), 1; Ridgefield (borough), 1; Seymour, 1; Shelton (borough), 2; Southington, 8; Stafford Springs (borough), 1; Stamford (city), 3; Stonington (town and borough), 3; Thomaston, 1; Torrington (borough), 2; Waterbury, 7; Waterford, 2; West Haven (borough), 4; Westport, 1; Willimantic (city), 4; Winsted (borough), 1; Woodstock, 1.—Total, 292 in 64 towns.

**Consumption.**—Branford, 1; Bridgeport, 5; Brookfield, 1; Cheshire, 1; Clinton, 1; Darien, 2; Derby, 1; Hartford, 11; Huntington, 1; Killingly, 4; Meriden (city), 4; Milford, 1; Naugatuck, 1; New Britain (city), 2; Norwalk (city), 2; Norwalk (town), 2; Salisbury, 1; South Norwalk (city), 1; Trumbull, 1; Wallingford, 1; Waterbury, 3; Water-town, 1; West Haven (borough), 1; Willimantic (city), 1.—Total, 50 in 23 towns.

In addition to the above, the Health Officers of the following towns report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Burlington, Canaan, Canton, Chaplin, Colchester, Colebrook, Columbus, Cornwall, Danbury, Eastford, East Granby, East Haven, East

Lyme, Easton, East Windsor, Ellington, Fairfield, Franklin, Goshen, Granby, Griswold, Hamden, Hampton, Hartland, Harwinton, Hebron, Jewett City (borough), Kent, Ledyard, Litchfield, Marlborough, Meriden, Middlebury, Monroe, New Canaan (town and borough), North Branford, North Stonington, Old Lyme, Old Saybrook, Oxford, Preston, Prospect, Putnam, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sherman, Somers, Southbury, South Windsor, Stafford, Stamford, Sterling, Stratford, Thompson, Tolland, Torrington, Union, Voluntown, Warren, Westbrook, Weston, Wethersfield, Willington, Walton, Winchester, Windsor Locks, Wolcott, Woodbridge, Woodbury.—Total, 78.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Ellington, 1.

**Diphtheria and Croup.**—Salisbury, 1.

**Whooping Cough.**—Cromwell, 1.

**Typhoid Fever.**—Berlin, 1; Chatham, 1; Essex, 1; Guilford, 1; Plainville, 1; Ridgefield, 1; Seymour, 1; Southbury, 1; Waterford, 1.—Total, 9.

**Consumption.**—Canton, 1; Cheshire, 1; Cornwall, 1; Durham, 1; East Haven, 1; Griswold, 1; Ledyard, 1; Mansfield, 1; Milford, 1; Newtown, 1; Plainfield, 1; Portland, 1; Salisbury, 1; Sharon, 1; Water-town, 1; Weston, 1; Westport, 1; Woodbury, 1.—Total, 18.

All the Health Officers of New Haven County have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Simsbury.

NEW LONDON Co.—Groton (borough), Lisbon, Sprague.

FAIRFIELD Co.—Newtown, Redding.

WINDHAM Co.—Canterbury.

LITCHFIELD Co.—Bridgewater, Morris, Sharon, Washington.

MIDDLESEX Co.—Middletown (town), Chester, Killingworth, Mid-delfield.

TOLLAND Co.—Coventry.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	7	9	..	16
release.....	13	16	..	29
Tuberculosis.....	19	41	..	60
Typhoid Fever.....	47	50	6	103
Rabies.....	..	2	..	2
Total specimens examined.....				210
Samples of water analyzed.....				23

The Annual Conference of the Health Officials of the State which was omitted last year, will be held this year the first week in December. The program of this meeting will be published in the November bulletin. A number of interesting papers from men both within and from without the state are expected, and it is hoped that all Health Officers will plan to attend this Conference.

## TYPHOID FEVER.

The prevalence of typhoid fever in the state during the past two months, though not unusual at this time of the year, warrants again calling the attention of health officers and physicians to some points regarding its causation and spread. It is probably a fact, as stated by Dr. Chapin, of Providence, that the chronic carrier cases and the mild or walking cases of this disease exceed in number the diagnosed and reported cases. This shows the importance of a proper disposal of all human excrement. In towns with an adequate sewerage system, which all thickly settled communities should have, the privy should not be tolerated. In rural districts the privy should be constructed with a tight vault, screened and kept dark to prevent the free access of flies. The contents should be treated frequently with a sprinkling of unslacked lime or dry loam. It is a fact that typhoid fever is more prevalent during fly time than at any other season of the year. The privy should be located so that its contents will not be washed into a reservoir, well, or ice pond. Freezing does not kill intestinal bacteria, so that we should be as careful about the purity of our ice as we are about the purity of our drinking-water. What has been said about the location and care of the privy applies particularly to dairy farms, which are often responsible for serious epidemics of typhoid.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, October 15, 1907.

\* Two delayed certificates for July, and five for August have been received since the publication of the last Bulletin.

† Includes 20 cases of non-residents in hospitals.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	70	50	60	0	Partly Cloudy	57	30.02; highest.....	30.39; date 15
2	67	55	61	.97	Cloudy	0	29.54; .....	date 23
3	78	65	72	.03	Cloudy	4		
4	74	60	67	1.87	Cloudy	2		
5	75	67	71	1.09	Cloudy	15		
6	77	62	70	0	Partly Cloudy	67		
7	76	58	67	0	Partly Cloudy	57		
8	71	62	66	.02	Cloudy	0		
9	71	62	66	T	Cloudy	0		
10	74	61	68	0	Cloudy	3		
11	79	64	72	1.18	Cloudy	4		
12	76	59	68	0	Partly Cloudy	73		
13	80	55	68	0	Clear	100		
14	83	56	70	0	Clear	71		
15	82	60	71	0	Partly Cloudy	82		
16	86	64	75	0	Partly Cloudy	65		
17	82	62	72	0	Partly Cloudy	41		
18	82	53	58	.03	Cloudy	0		
19	64	49	56	.04	Cloudy	1		
20	69	57	63	0	Cloudy	0		
21	86	66	76	.68	Partly Cloudy	58		
22	75	61	68	.07	Cloudy	38		
23	61	57	59	3.99	Cloudy	0		
24	79	58	68	.01	Partly Cloudy	53		
25	66	51	58	0	Partly Cloudy	45		
26	57	43	50	0	Partly Cloudy	70		
27	59	41	50	T	Cloudy	0		
28	60	53	56	.38	Cloudy	1		
29	53	46	50	1.20	Cloudy	0		
30	62	48	55	0	Cloudy	3		
Mean	71.8	56.8	64.3	11.56				

ATMOSPHERIC PRESSURE.			
(Reduced to sea level; inches and hundredths.)			
Mean.....	30.02; highest.....	30.39; date 15	
Lowest.....	29.54; .....	date 23	

TEMPERATURE.			
Highest.....	86°; date 16; lowest.....	41°; date 27	
Greatest daily range.....	27°; .....	date 14	
Least daily range.....	4°; .....	date 23	

MEAN FOR THIS MONTH IN			
1905.....	63°	1906.....	66°
1907.....	64°		
Mean of this month for 3 years.....			64
Absolute maximum for this month for 3 years.....			92
Absolute minimum for this month for 3 years.....			36
Average daily excess (+) of this month as compared with mean of 3 years.....			0.1

PRECIPITATION.	
Total this month .....	11.56
Snowfall .....	0
Greatest precipitation in 24 hours 4.03, date.....	23-25
Snow on the ground at end of month .....	0

TOTAL PRECIPITATION THIS MONTH IN			
1905.....	3.43	1906.....	3.57
1907.....	11.56		
Average of this month for 3 years.....			6.19
Excess (+) of this month as compared with average of 3 years.....			5.37

WIND.	
Prevailing direction.....	S
Total movement .....	4,447 miles
Average hourly velocity.....	6.2
Maximum velocity (for five minutes) 34 miles per hour, from W on 21st.	

WEATHER.	
Number of clear days .....	2
Partly cloudy .....	11
Cloudy .....	17
On which .01 inch, or more, of precipitation occurred .....	14

MISCELLANEOUS PHENOMENA (dates of).	
Auroras .....	None
Halos, solar .....	None
Halos, lunar .....	None
Hail .....	None
Sleet .....	None
Fog .....	None
Thunderstorms.....	2, 4, 5, 11, 21
*Frosts: light.....	27; heavy,.....
None; killing, .....	None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1907,  
and a Statement of the Births and Marriages for the Month of September, 1907.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths from 1 to 5 years.	Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	14,320	33	2	11	17	14.2	4	1	29.4	...	...	...	...	...	4	...	...	...	...	...	1	1	...	...	1	4	...	1	5		
Branford, .....	6,580	14	2	2	7	12.7	...	...	14.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4		
Bridgeport, .....	86,490	233	12	87	129	17.2	23	13	27.9	...	2	...	...	...	1	1	2	...	6	1	...	4	2	15	7	3	2	10	71		
Bristol, .....	11,225	30	1	9	8	8.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4		
Danbury, .....	19,475	47	4	14	31	16.0	4	2	16.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12		
Derby, .....	9,300	26	2	15	11	14.1	3	2	45.4	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
East Hartford, .....	7,770	13	2	6	4	6.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Enfield, .....	6,350	9	2	22	13	24.5	1	1	15.3	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	5		
Greenwich, .....	13,000	22	1	13	21	18.5	2	2	19.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9		
Groton, .....	6,258	11	1	2	13	23.3	3	...	23.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Hamden, .....	5,146	17	3	8	4	9.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Hartford, .....	98,499	182	8	86	122	12.9	25	11	29.5	...	1	2	...	...	1	...	...	...	2	...	...	5	1	6	9	3	11	21	5	55	
Huntington, .....	6,668	14	1	4	7	10.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3		
Killingly, .....	6,700	7	...	2	15	20.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7		
Manchester, .....	12,266	21	1	9	15	14.6	5	1	40.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9		
Merriden, .....	30,990	68	1	25	31	7.7	7	3	47.6	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	17		
Middletown, .....	19,080	32	2	33	32	13.2	4	2	18.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	
Naugatuck, .....	13,567	33	1	7	15	13.2	1	3	26.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	
New Britain, .....	34,638	120	4	45	45	15.5	12	5	37.7	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	17	
New Britain, .....	123,420	275	9	118	172	15.1	29	13	24.4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	
New London, .....	20,200	44	3	17	31	17.2	4	4	25.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
New Milford, .....	5,424	1	...	1	2	4.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	
Norwalk, .....	21,161	39	...	14	31	17.3	3	1	12.8	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	12	
Norwich, .....	25,750	34	1	25	38	17.7	3	3	15.7	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	4	
Orange, .....	8,715	20	...	6	9	12.3	2	...	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	
Punam, .....	7,933	16	1	10	8	12.1	3	1	50.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
Southington, .....	6,162	14	1	8	5	9.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	
Stamford, .....	21,936	57	3	27	34	19.3	4	3	20.5	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	
Stonington, .....	9,400	17	1	8	5	6.3	4	...	80.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Thompson, .....	7,045	6	1	4	1	1.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	
Torrington, .....	16,940	32	...	4	19	13.4	6	2	42.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Vernon, .....	8,260	8	2	3	8	11.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	
Wallingford, .....	10,690	26	2	7	10	8.9	2	...	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Waterbury, .....	63,700	172	2	56	95	17.8	24	10	35.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	
Waterbury, .....	8,870	13	1	7	8	10.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
Windham, .....	10,210	18	2	9	18	21.1	5	4	50.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Total of the 36 above towns, .....	784,219	1727	74	716	1031	15.6	191	92	27.7	...	2	6	1	6	29	3	...	...	28	5	...	54	14	98	77	21	108	99	66	414	
130 towns of less than 5,000 inhabitants	234,726	390	10	114	291	14.7	49	11	20.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	123
Total reported from 166 towns, .....	1,018,945	2117	84	830	1322	15.5	240	103	25.9	...	2	7	4	7	34	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	537
Population of towns not reporting, .....	2,205	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Mortality in Public Institutions of the State was: in Bridgeport, 17; in Danbury, 5; in Greenwich, 7; in Hartford, 42; in Meriden, 3; in Middletown, 14; in New Britain, 5; in New Haven, 47; in New London, 4; in Norwalk, 4; in Stamford, 2; in Wallingford, 2; in Waterbury, 10. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.  
The following towns are reported as having no deaths in October: Ashford, Barkhamsted, Bethelheim, Bolton, Brooklyn, Coventry, East Haven, Franklin, Goshen, Hampton, Hartland, Marlborough, Middlebury, New Fairfield, Rocky Hill, Salem, Scotland, Southbury, Tolland, Union, Warren, Willington, Woodbridge.—Total, 23.  
The Registrars of the following towns have made no report for October: Easton, Ledyard.—Total, 2.

# REMARKS.

By mortality reports received there were 1,322 deaths during the month of October. This was 86 less than in September, and 36 more than in October of last year, and 147 more than the average number of deaths during October for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,606	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,101
May,	1,329	1,404	1,190	1,317	1,205	1,100
June,	1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	1,518	1,537	1,650	1,409	1,414	1,394
August,	1,761	1,650	1,417	1,362	1,404	1,348
September,	*1,408	1,342	1,196	1,109	1,166	1,166
Total third quarter,	4,687	4,529	4,263	3,949	3,978	3,908
October,	1,322	1,286	1,166	1,167	1,124	1,133

The death rate was 15.6 for the large towns, for the small towns 14.7, and for the whole state 15.5. The deaths reported from infectious diseases were 212, being 16.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 3; Bridgeport, 5; Bristol, 2; Groton, 3; Hartford, 2; Manchester, 1; Middletown (city), 3; Southington, 1; Stonington, 10; Waterbury (city), 2; West Haven (borough), 1. Total, 33 in 11 towns.

**Scarlet Fever.**—Ansonia, 1; Branford (town and borough), 4; Bridgeport, 4; Danbury (city), 2; East Haddam, 1; Enfield, 4; Essex, 1; Fairfield, 2; Glastonbury, 1; Greenwich, 10; Hartford, 22; Lyme, 1; Meriden (city), 6; Middletown (city), 1; New Britain, 1; New Haven, 5; New London (city), 6; Orange, 1; Pomfret, 1; Rockville (city), 10; Southington, 2; Stamford, 1; Torrington (borough), 3; Washington, 2; Waterbury (city), 2; West Hartford, 3; West Haven (borough), 3; Windham, 1. Total, 101 in 28 towns.

**Cerebro Spinal Fever.**—Greenwich, 1; New Haven, 1; New London (city), 1; Oxford, 1; Somers, 1; West Haven (borough), 2; Winsted (borough), 2.—Total, 9 in 7 towns.

**Diphtheria and Croup.**—Ansonia, 20; Bozrah, 1; Branford (town and borough), 6; Bridgeport, 14; Bristol, 2; Brooklyn, 2; Danbury (city), 2; Danbury (town), 1; Danielson (borough), 12; Darien, 1; Derby, 15; East Granby, 1; East Hartford, 2; Enfield, 3; Farmington, 2; Glastonbury, 2; Greenwich, 3; Haddam, 4; Hartford, 30; Lebanon, 1; Ledyard, 1; Manchester, 1; Meriden (city), 1; Middletown (city), 1; Naugatuck, 2; New Britain, 8; New Haven, 29; Newington, 1; New London (city), 1; Norwich (city), 2; Norwich (town), 1; Plainfield, 3; Plymouth, 8; Putnam, 1; Rockville (city), 3; Salisbury, 1; Shelton (borough), 2; South Norwalk (city), 1; Stonington, 1; Thomaston, 4; Trumbull, 1; Waterbury (city), 12; Watertown, 2; West Hartford, 3; West Haven (borough), 3; Willimantic (city), 2; Windham, 1; Winsted (borough), 3.—Total, 224 in 46 towns.

**Whooping Cough.**—Bridgeport, 4; Derby, 1; Greenwich, 1; Madison, 13; Norfolk (epidemic); North Haven, "estimated," 20; Willimantic (city), 1.—Total, 40+ in 7 towns.

**Typhoid Fever.**—Ansonia, 1; Ashford, 1; Avon, 4; Branford (town and borough), 11; Bridgeport, 14; Bristol, 3; Brookfield, 4; Canterbury, 2; Canton, 3; Cromwell, 4; Danbury (city), 2; Darien, 2; Derby, 3; Enfield, 2; Farmington, 1; Fairfield, 1; Glastonbury, 1; Greenwich, 1; Groton, 2; Guilford, 1; Haddam, 3; Hamden, 1; Hartford, 26; Harwinton, 1; Killingly, 1; Madison, 2; Manchester, 10; Meriden (city), 3; Middletown (city), 4; Naugatuck, 1; New Britain, 10; New Haven, 456; New London (city), 3; Norwalk (city), 4; Norwalk (town), 3; Plainfield, 2; Plymouth, 2; Putnam, 1; Seymour, 6; Southington, 1; Stamford (city), 1; Suffield, 3; Torrington (borough), 1; Washington, 3; Waterbury (city), 10; West Haven (borough), 1; Westport, 2; Wethersfield, 1; Willimantic (city), 4; Windham, 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 229 in 52 towns.

**Consumption.**—Ansonia, 1; Bethany, 1; Bolton, 1; Bridgeport, 4; Cheshire, 1; Danielson (borough), 2; Derby, 1; Hartford, 14; Manchester, 2; Mansfield, 1; Naugatuck, 3; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Old Lyme, 1; Orange, 1; Plymouth, 1; Roxbury, 1; South Windsor, 1; Waterbury (city), 7; Willimantic (city), 9.—Total, 55 in 20 towns.

\* Fifteen delayed certificates for September have been received since the publication of the last Bulletin.

† Includes 10 non-resident cases in hospitals.

‡ All non-residents.

In addition to the above, the Health Officers of Eighty-three towns report that they have not been notified of any infectious diseases.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Essex, 1.

**La Grippe.**—Columbia, 1; East Windsor, 1; Middlefield, 1.

**Cerebro Spinal Fever.**—Somers, 1.

**Diphtheria and Croup.**—Bozrah, 1; Glastonbury, 1; Plainfield, 1; Plymouth, 1; Thomaston, 1.—Total, 5.

**Typhoid Fever.**—Canterbury, 1; Darien, 2; Durham, 1; Farmington, 1; Plainfield, 1.—Total, 6.

**Consumption.**—Andover, 1; Berlin, 1; Bethany, 1; Bethel, 1; Brookfield, 1; Burlington, 1; Canton, 1; Clinton, 1; Darien, 2; Fairfield, 1; Farmington, 1; Griswold, 1; New Canaan, 1; Plymouth, 1; Preston, 1; Redding, 1; South Windsor, 1; Thomaston, 1; Watertown, 1; Wethersfield, 1; Wolcott, 1.—Total, 22.

All the Health Officers of New Haven, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Granby.

NEW LONDON Co.—East Lyme, Groton (borough), Lisbon, Preston.

FAIRFIELD Co.—Newtown, Ridgefield (town and borough).

MIDDLESEX Co.—Killingworth, Middlefield.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	25	17	2	2
release.....	35	11	..	..
Tuberculosis .....	16	69	..	..
Typhoid Fever.....	39	40	5	..
Rabies .....	2	1	..	..
Total specimens examined.....				264
Samples of water analyzed.....				21
" " oil tested.....				2

## THE FOURTH SANITARY CONFERENCE OF THE HEALTH OFFICIALS OF THE STATE

will be held in Hartford at the Hunt Memorial Building, on Wednesday and Thursday, December 4 and 5, 1907. The first session will open on Thursday evening at eight o'clock, followed by a morning and afternoon session on Thursday.

Among the addresses and papers to be presented are the following:

Address, by Governor Rollin S. Woodruff.

The Mosquito Extermination Work in New Jersey, by Prof. John B. Smith, Rutgers College, State Entomologist of New Jersey.

The Notification of Tuberculosis, by Dr. David R. Lyman, Wallingford, Superintendent of the Gaylord Farm Sanatorium.

Methods and Difficulties of the Development of Pure Milk Supplies, by Mr. F. H. Stadtmueller, Town Health Officer of West Hartford.

Progress of Sewage Disposal in Waterbury, by Robert A. Cairns, C.E., City Engineer of Waterbury.

A paper, subject to be announced, by F. W. Etheridge, Esq., Health Officer of Litchfield County.

Disinfectants and Disinfecting, by Prof. H. W. Conn, Wesleyan University, Director of the Laboratory of the State Board of Health.

The Early Recognition of Infectious Diseases in the Public Schools, by Dr. W. H. Donaldson, Town Health Officer of Fairfield.

A complete program will be sent out before the conference.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, November 15, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	58	44	51	0	Clear	83	30.05; highest.....	30.59; date 31
2	55	36	50	0	Clear	82	29.43; .....	date 8
3	69	42	56	0	Cloudy	27		
4	72	57	64	.34	Cloudy	1		
5	63	49	56	T	Partly Cloudy	47		
6	60	42	51	T	Partly Cloudy	84		
7	68	52	60	T	Cloudy	25		
8	69	42	56	1.15	Cloudy	16		
9	56	34	45	0	Clear	98		
10	60	35	48	0	Partly Cloudy	48		
11	65	41	53	.02	Partly Cloudy	36		
12	61	44	52	0	Partly Cloudy	47		
13	58	30	47	0	Partly Cloudy	53		
14	59	37	48	0	Partly Cloudy	52		
15	56	35	46	0	Clear	95		
16	65	37	51	0	Clear	79		
17	70	44	57	0	Clear	55		
18	69	43	56	0	Clear	96		
19	49	33	41	0	Clear	87		
20	46	36	41	.41	Cloudy	0		
21	42	32	37	0	Clear	100		
22	56	30	43	0	Clear	100		
23	56	38	47	T	Cloudy	4		
24	49	34	42	0	Clear	100		
25	55	30	42	0	Partly Cloudy	39		
26	46	31	38	0	Clear	100		
27	57	25	41	.31	Partly Cloudy	18		
28	62	57	60	1.59	Partly Cloudy	0		
29	57	39	48	.41	Partly Cloudy	16		
30	45	34	40	0	Clear	78		
31	52	30	41	0	Clear	100		
Mean	58.5	38.7	48.6	4.53				

MEAN FOR THIS MONTH IN				
1904....	49°	1905....	53°	1906.... 53° 1907.... 49°
Mean of this month for 4 years.....				51
Absolute maximum for this month for 4 years.....				80
Absolute minimum for this month for 4 years.....				25
Average daily deficiency (—) of this month as compared with mean of 4 years.....				2.3

PRECIPITATION.	
Total this month .....	4.53
Snowfall .....	0
Greatest precipitation in 24 hours 1.89, date.....	27-28
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN				
1904....	2.23	1905....	2.23	1906.... 5.54 1907.... 4.53
Average of this month for 4 years.....				3.64
Excess (+) of this month as compared with average of 4 years.....				0.89

WIND.	
Prevailing direction.....	NW
Total movement .....	5,375 miles
Average hourly velocity.....	7.2
Maximum velocity (for five minutes) 40 miles per hour, from S on 8th.	

WEATHER.	
Number of clear days .....	14
Partly cloudy .....	8
Cloudy .....	9
On which .or inch, or more, of precipitation occurred .....	7

MISCELLANEOUS PHENOMENA (dates of).	
Auroras .....	None
Halos, solar .....	None
Halos, lunar .....	None
Hail .....	None
Sleet .....	None
Fog .....	2, 3
Thunderstorms.....	None
*Frosts: light,.....; heavy,.....9, 10, 13; killing, ....	19

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1907



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 Inhabitants, for the Month of November, 1907,  
and a Statement of the Births and Marriages for the Month of October, 1907.

Total estimated population of the State, 1,091,150.

TOWNS.	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	14,320	42	2	12	17	14.2	2	11.7														2	4	---	3	2	---	9		
Branford, .....	6,586	13	7	6	14	15	2	37.5																	---	---	---	6		
Bridgeport, .....	86,499	216	6	129	115	15.6	20	10	26.0	1				1	1						1	17	20	1	4	22	8	38		
Bristol, .....	11,225	26	1	19	14	14.9	5	1	42.8					2							1	1	---	---	---	---	---	7		
Danbury, .....	19,475	34	2	26	25	14.7	4	16.0													1	5	2	3	1	6	2	7		
Derby, .....	9,300	17	1	9	7	9.0	2	1	42.8												1	1	---	---	---	---	---	4		
East Hartford, .....	7,770	10	1	10	7	10.8	3	42.8													1	2	2	1	2	1	---	4		
Enfield, .....	6,350	21	3	22	11	20.7	1	1	18.1												1	2	2	2	1	2	1	5		
Greenwich, .....	13,600	33	4	18	20	17.6	6	1	35.0				1	1							1	2	1	2	2	1	---	5		
Groton, .....	6,258	9	1	4	8	15.3	1	2	12.5															1	---	---	---	4		
Hamden, .....	5,146	3		4	3	6.9		2	66.6																1	---	---	4		
Hartford, .....	98,499	205	7	113	126	12.7	18	6	19.0				1	2							4	1	21	19	3	10	10	8	45	
Huntington, .....	6,608	17		4	5	8.9		1	20.0												1	2	---	---	---	---	---	1		
Killingly, .....	6,700	12	1	7	5	8.9	2	40.0														2	---	---	---	---	---	6		
Manchester, .....	12,266	25	2	12	9	8.8	2	22.2				1															---	13		
Meriden, .....	39,990	51	2	41	32	12.3	3	3	18.7			2										6	1	---	---	---	---	11		
Middletown, .....	19,080	27	2	12	28	10.1	2	7.1													2	3	---	---	---	---	---	5		
Naugatuck, .....	13,567	28	1	12	17	15.0	3	17.6													1	4	1	1	3	1	2	4	29	
New Britain, .....	34,638	92	4	55	58	19.0	16	1	29.3												1	8	4	1	5	5	4	29		
New Haven, .....	123,420	311	13	205	179	15.2	29	12	22.9				1	2	1						3	1	21	22	1	18	24	12	13	
New London, .....	20,200	38		32	23	13.6	3	1	17.3												1	3	---	---	---	---	---	2	11	
New Milford, .....	5,424	6	1	7	5	11.0	1	20.0													1	---	---	---	---	---	---	2	12	
Norwalk, .....	21,461	43		16	25	13.9	3	2	20.0												1	1	1	1	1	1	2	11	9	
Norwich, .....	25,759	55	3	36	25	11.1	3	3	24.0														3	4	---	---	---	---	9	
Orange, .....	8,715	15		14	8	11.0									1	1						3	---	---	---	---	---	---	1	
Punam, .....	7,933	22		8	6	9.0	1	16.6															3	---	---	---	---	---	1	
Southampton, .....	6,162	12		9	6	11.6		2	33.3												2	---	---	---	---	---	---	---	13	
Stamford, .....	21,036	34		26	38	21.6	4	1	14.2												1	4	6	2	5	6	2	13		
Stonington, .....	9,499	15		12	13	16.4	1		7.6					1							1	---	---	---	---	---	---	2	2	
Thompson, .....	7,045	11		5	5	8.5	1	50.0													1	---	---	---	---	---	---	---	3	
Torrington, .....	16,940	37	2	14	11	7.7	5	1	54.5												1	1	---	---	---	---	---	---	9	
Vernon, .....	8,260	12	1	7	4	5.8		1	25.0												1	---	---	---	---	---	---	---	1	
Wallingford, .....	10,699	25		13	8	9		1	25.0												1	---	---	---	---	---	---	---	2	
Waterbury, .....	63,700	171	9	60	86	15.0	22	30.0						3	1						5	5	12	1	5	7	12	26		
Westchester, .....	8,870	17		12	10	13.5	1	10.0														2	---	---	---	---	---	---	8	
Windham, .....	10,210	19		8	10	11.7	3	30.0													1	---	---	---	---	---	---	---	0	
Total of the 36 above towns, .....	781,219	1727	70	1000	971	14.8	170	54	23.1	1	2	4	2	14	3	1	22	2	2	29	4	122	109	17	90	117	63	307		
130 towns of less than 5,000 inhabitants	233,796	382	19	194	264	13.1	29	9	14.5				1	2							2	---	---	---	---	---	---	---	11	117
Total reported from 166 towns, .....	1,018,015	2209	89	1104	1235	14.5	199	63	21.2					3							1	2	---	---	---	---	---	---	3	45
Population of towns not reporting, .....	3,135									1	3	6	2	17	3	1	24	3	3	31	4	146	127	23	122	162	74	484		

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 4; in Hartford, 55; in Meriden, 2; in Middletown, 16; in New Britain, 9; in New Haven, 42; in New London, 1; in Norwich, 5; in Stamford, 6; in Waterbury, 7; in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Bethany, Bethlehem, Bloomfield, Bridgeport, Burlington, Columbia, Coventry, Durham, Eastford, East Haven, Ellington, Goshen, Hampton, Hartland, Hartwinton, Kent, Killingworth, Ledyard, Madison, Marlborough, Morris, Newington, Plainville, Prospect, Rocky Hill, Salem, Scotland, Sherman, Tolland, Union, Willington, Wolcott, Woodbridge.—Total, 35.

The Registrars of the following towns have made no report for November: Simsbury, Weston.—Total, 2.

# REMARKS.

By mortality reports received there were 1,235 deaths during the month of November. This was 99 less than in October, and 61 less than in November of last year, and 41 more than the average number of deaths during November for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,096	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,191
May,	1,329	1,404	1,109	1,317	1,265	1,100
June,	1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	1,518	1,537	1,650	1,409	1,414	1,394
August,	1,761	1,650	1,417	1,362	1,404	1,348
September,	1,408	1,342	1,196	1,169	1,160	1,166
Total third quarter,	4,687	4,529	4,263	3,940	3,978	3,908
October,	*1,334	1,286	1,166	1,167	1,124	1,133
November,	1,235	1,296	1,257	1,162	1,171	1,083

The death rate was 14.8 for the large towns, for the small towns 13.1, and for the whole state 14.5. The deaths reported from infectious diseases were 204, being 16.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bozrah, 1; Bridgeport, 9; Burlington, 5; Canton, 2; Darien, 6; East Haddam, 1; Glastonbury, 1; Groton, 50, "epidemic"; Hartford, 6; Manchester, 1; Middletown (city), 8; Putnam, 1; Stafford, 1; Stafford Springs (borough), 2; Stonington, 13; Thomaston, 1; Waterbury, 1.—Total, 109 in 16 towns.

**Scarlet Fever.**—Ansonia, 1; Bethel, 1; Branford (town and borough), 3; Bridgeport, 5; Bristol, 4; Chatham, 1; East Haddam, 3; Greenwich, 2; Hamden, 1; Hartford, 33; Killingly, 1; Meriden (city), 3; Montville, 4; Naugatuck, 1; New Britain, 4; New Haven, 11; New London, 5; North Branford, 1; Orange, 1; Plainville, 5; Pomfret, 2; Redding, 1; Rockville (city), 5; Shelton (borough) 2; Simsbury, 2; Torrington (borough), 4; Wallingford (borough), 2; Waterbury, 3; West Hartford, 2; Wilton, 1.—Total, 114 in 30 towns.

**Diphtheria and Croup.**—Ansonia, 4; Ashford, 1; Bethel, 1; Branford (town and borough), 2; Bridgeport, 18; Bristol, 2; Brooklyn, 1; Danbury (city), 1; Darien, 1; Derby, 5; Durham, 1; East Granby, 1; Farmington, 3; Greenwich, 1; Groton, 1; Guilford, 1; Haddam, 14; Hamden, 1; Hartford, 15; Huntington, 1; Lebanon, 1; Manchester, 1; Meriden (city), 2, (town), 1; Monroe, 4; Naugatuck, 2; New Britain, 12; New Haven, 36; New London, 1; Norwalk (city), 1; Norwich (city), 1; Plainville, 1; Plymouth, 16; Rocky Hill, 1; Salisbury, 1; Shelton (borough), 3; Southbury, 1; Southington, 1; Stamford (city), 3; Stonington (borough), 3; Thomaston, 7; Torrington (borough), 1; Waterbury, 12; West Haven (borough), 2; Willimantic (city) 2; Winchester, 1; Winsted (borough), 1.—Total, 193 in 46 towns.

**Whooping Cough.**—Bridgeport, 3; Greenwich, 2; Madison, 4; Middletown (city), 1; North Haven, 20; Sharon, 2; Simsbury, 7; Stamford (city), 1; Waterbury, 5.—Total, 45 in 9 towns.

**Typhoid Fever.**—Ansonia 1; Bloomfield 1; Branford (town and borough), 5; Bridgeport, 5; Bristol, 1; Canton, 1; Chester, 2; Coventry, 1; East Hartford, 4; Goshen, 1; Greenwich, 2; Groton, 1; Hampton, 1; Hartford, 8; Killingly, 1; Meriden (city), 1; Middletown (city), 1; Milford, 1; Morris, 1; Naugatuck, 1; New Britain, 5; New Haven, 20; New London, 1; Norwalk (city), 2; Plymouth, 1; Shelton (borough), 1; Southbury, 7; Southington, 1; South Norwalk (city), 1; South Windsor, 1; Torrington (borough), 2; Washington, 3; Waterbury, 6; West Haven (borough), 2; Windham, 1; Windsor, 1.—Total, 95 in 36 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 5; Brooklyn, 1; Cheshire, 1; East Lyme, 1; Fairfield, 1; Hartford, 3; Killingly, 1; Meriden (city), 2; Naugatuck, 1; New Britain, 3; New Canaan, 1; Rockville (city), 1; Rocky Hill, 2; South Windsor, 1; Stamford (city), 2; Waterbury, 5; Willimantic (city), 1; Windham, 1.—Total, 38 in 19 towns.

In addition to the above, the Health Officers of the following towns report that they have not been notified of any infectious diseases:

Andover, Avon, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethlehem, Bolton, Bridgewater, Brookfield, Canaan, Canterbury, Chaplin, Clinton, Colchester, Colebrook, Columbia, Cornwall, Crom-

\* Twelve delayed certificates for October have been received since the publication of the last Bulletin.

† Seven non-residents.

well, Danbury, Danielson (borough), Eastford, East Haven, Easton, East Windsor, Ellington, Enfield, Essex, Franklin, Granby, Griswold, Groton (borough), Hartland, Harwinton, Hebron, Jewett City (borough), Ledyard, Litchfield (town and borough), Mansfield, Marlborough, Meriden, Middlebury, New Fairfield, New Hartford, Newington, New Milford, Norfolk, North Canaan, Norwalk, Norwich, Old Saybrook, Oxford, Plainfield, Portland, Preston, Prospect, Ridgefield (town and borough), Roxbury, Salem, Saybrook, Scotland, Seymour, Sherman, Somers, Stamford, Sterling, Stratford, Suffield, Thompson, Tolland, Torrington, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Watertown, Westbrook, Weston, Westport, Wethersfield, Willington, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 88.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Pomfret, 1.

**La Grippe.**—Darien, 1; Newtown, 1.

**Diphtheria and Croup.**—East Granby, 1; Monroe, 1; Thomaston, 1.

**Typhoid Fever.**—Canton, 1; Milford, 1.

**Consumption.**—Bolton, 1; Cheshire, 1; Colchester, 1; Darien, 1; Fairfield, 3; Farmington, 1; Granby, 1; Haddam, 1; Litchfield, 1; Plainfield, 1; Plymouth, 1; Preston, 1; Ridgefield, 1; Sharon, 1; Somers, 1; Stratford, 1; Suffield, 2; Watertown, 1; Wethersfield, 1; Wilton, 1; Woodstock, 1.—Total, 24.

All the Health Officers of Hartford, New Haven, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

NEW LONDON Co.—Lisbon, Lyme, North Stonington, Old Lyme, Sprague, Waterford.

FAIRFIELD Co.—Newtown.

LITCHFIELD Co.—Kent.

MIDDLESEX Co.—Killingworth, Middlefield.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	24	17	9	..
release.....	26	18	..	..
Tuberculosis .....	25	64	..	..
Typhoid Fever.....	15	32	3	..
Rabies .....	2	..	..	..
Malaria .....	1	..	..	..
Total specimens examined.....				236
Samples of water analyzed.....				15
" " illuminating oil tested.....				4

## TO PHYSICIANS AND HEALTH OFFICERS.

The State Laboratory is now prepared to undertake the diagnosis of malaria and outfits for this work are now in the hands of the health officers and may be obtained by physicians wishing to make use of them. In using these outfits, physicians are requested to follow the directions accurately, since the diagnosis of malaria is difficult; and is impossible unless the specimen sent is prepared carefully.

The laboratory is beginning the use of a new style of typhoid outfit which is believed will give more accurate results. The new outfits are being gradually substituted for the older style, and health officers are requested to furnish the new style of outfit to physicians instead of the old style when they have them.

The examination of water and sewage is in charge of Mr. James A. Newlands, Chemist of the State Board of Health, and any correspondence regarding these analyses should be addressed to Mr. Newlands.

## TO THE REGISTRARS.

The last General Assembly enacted a law that after Sept. 1, 1907, birth certificates should give the birthplace of both parents instead of the nationality as heretofore required. Registrars who have not already done so, should make immediate requisition for a supply of new blanks and see that physicians and midwives are provided with them. No certificate that does not give birthplace of both parents should now be accepted.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, December 16, 1907.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	56	31	44	0	Clear	0.0	30.03; highest 30.58; date 1	29.11; date 7
2	61	37	49	.85	Cloudy	0.0	61°; date 2; lowest 24°; date 30	27°; date 5
3	60	48	54	.04	Partly Cloudy	0.0	Least daily range 6°; date 25	
4	48	35	42	0	Partly Cloudy	0.0	MEAN FOR THIS MONTH IN	
5	57	30	44	0	Cloudy	0.0	1904.... 37°	1905.... 40°
6	56	46	51	1.88	Cloudy	0.0	1906.... 41°	1907.... 42°
7	55	42	48	.16	Cloudy	0.0	Mean of this month for 4 years.....	40
8	54	42	48	0	Partly Cloudy	0.0	Absolute maximum for this month for 4 years.....	65
9	59	40	50	0	Clear	0.0	Absolute minimum for this month for 4 years.....	14
10	57	45	51	.38	Cloudy	0.0	Average daily excess of this month as compared with mean of 4 years.....	1.8
11	51	37	44	0	Cloudy	0.0	PRECIPITATION.	
12	40	33	36	0	Cloudy	0.0	Total this month.....	4.74
13	42	30	36	T	Partly Cloudy	T	Snowfall.....	0.1
14	37	30	34	.01	Partly Cloudy	0.1	Greatest precipitation in 24 hours 2.00, date.....	6-7
15	40	24	32	0	Partly Cloudy	0.0	Snow on the ground at end of month.....	0
16	46	31	38	T	Partly Cloudy	T	TOTAL PRECIPITATION THIS MONTH IN	
17	46	30	38	0	Partly Cloudy	0.0	1904.... 1.52	1905.... 1.77
18	45	29	37	.23	Cloudy	T	1906.... 2.90	1907.... 4.74
19	52	37	44	.21	Cloudy	0.0	Average of this month for 4 years.....	2.73
20	44	32	38	0	Partly Cloudy	0.0	Excess of this month as compared with average of 4 years.....	2.01
21	52	32	42	.15	Cloudy	0.0	WIND.	
22	56	46	51	0	Cloudy	0.0	Prevailing direction.....	NW
23	51	43	47	0	Partly Cloudy	0.0	Total movement.....	5,039 miles
24	43	33	38	.69	Cloudy	T	Average hourly velocity.....	7.0
25	40	34	37	.12	Cloudy	T	Maximum velocity (for five minutes) 35 miles per hour, from S on 2d.	
26	40	32	36	.02	Cloudy	T	WEATHER.	
27	41	32	36	T	Cloudy	T	Number of clear days.....	2
28	48	33	40	0	Cloudy	0.0	Partly cloudy.....	12
29	43	32	38	0	Partly Cloudy	0.0	Cloudy.....	16
30	38	24	31	0	Partly Cloudy	0.0	On which .01 inch, or more, of precipitation occurred.....	12
Mean	48.6	35.0	41.8	4.74			MISCELLANEOUS PHENOMENA (dates of).	
							Auroras.....	None
							Halos, solar.....	None
							Halos, lunar.....	20
							Hail.....	None
							Sleet.....	None
							Fog.....	5, 9, 22
							Thunderstorms.....	None
							*Frosts: light.....; heavy.....; killing.....	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1907





# REMARKS.

By mortality reports received there were 1,442 deaths during the month of December. This was 201 more than in November, and 39 less than in December of last year, and 106 more than the average number of deaths during December for the five years preceding.

	1907	1906	1905	1904	1903	1902
January,	1,606	1,340	1,412	1,440	1,420	1,172
February,	1,519	1,235	1,368	1,387	1,303	1,124
March,	1,572	1,489	1,577	1,525	1,421	1,239
Total first quarter,	4,787	4,064	4,357	4,352	4,144	3,535
April,	1,420	1,430	1,329	1,377	1,245	1,101
May,	1,329	1,404	1,190	1,317	1,265	1,100
June,	1,225	1,248	1,289	1,129	1,163	1,061
Total second quarter,	3,974	4,082	3,817	3,823	3,673	3,352
July,	1,518	1,537	1,650	1,409	1,414	1,394
August,	1,761	1,650	1,417	1,362	1,404	1,348
September,	1,408	1,342	1,196	1,169	1,160	1,166
Total third quarter,	4,687	4,529	4,263	3,940	3,978	3,908
October,	1,334	1,286	1,166	1,167	1,124	1,133
November,	*1,241	1,296	1,257	1,162	1,171	1,083
December,	1,442	1,481	1,318	1,258	1,347	1,298
Total for the quarter,	4,017	4,063	3,741	3,587	3,642	3,514
Total for year,	17,465	16,739	16,178	15,702	15,439	14,339

The death rate was 16.8 for the large towns, for the small towns 17.6, and for the whole state 16.9. The deaths reported from infectious diseases were 257, being 17.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—New Britain, 1.

**Measles.**—Branford, "1 (?)" ; Bridgeport, 8; Burlington, 10; Canton, 2; Colebrook, 2; Columbia, 5; Darien, 8; East Hartford, 3; Glastonbury, 3; Greenwich, 6; Groton, 75, "epidemic"; Hamden, 1; Hartford, 51; Middletown (city), 4; New Haven, 3; New London, 46; Norwalk, (city), 1; Scotland, 20; Southington, 2; Sprague, 2; Stonington, 50; Suffield, 1; Thomaston, 1; Washington, 1; Waterbury, 9; West Hartford, 1; Woodstock, 1.—Total, 315 in 27 towns.

**Scarlet Fever.**—Barkhamsted, 2; Bethel, 1; Bloomfield, 1; Branford, 2; Bridgeport, 6; Danbury (city), 9; Danbury (town), 1; East Haddam, 2; East Hartford, 2; Farmington, 1; Greenwich, 12; Groton (borough), 2; Haddam, 1; Hartford, 46; Jewett City (borough), 1; Meriden (city), 5; Middletown (city), 1; Milford, 1; Montville, 9; Naugatuck, 9; New Britain, 1; New Canaan, 1; New Haven, 9; New London, 34; North Branford, 1; Norwich (city), 1; Old Saybrook, 1; Pomfret, 1; Salisbury, 1; Seymour, 1; Simsbury, 4; Southington, 1; Stonington, 5; Stratford, 1; Tolland, 1; Torrington (borough), 1; Washington, 1; Waterbury, 2; Waterford, 1; Westport, 4; Windsor, 1.—Total, 187 in 40 towns.

**Cerebro Spinal Fever.**—Derby, 1; Middletown, 1; Stonington, 1.—Total, 3.

**Diphtheria and Croup.**—Ansonia, 8; Bozrah, 1; Branford, 7; Bridgeport, 15; Bristol, 1; Canton, 1; Chester, 1; Danbury (city), 1; Darien, 2; Derby, 4; East Haven, 1; Greenwich, 2; Guilford, 1; Hamden, 2; Hartford, 26; Harwinton, 1; Huntington, 1; Madison, 2; Meriden (city), 3; Middletown, 432; Naugatuck, 1; New Britain, 11; New Canaan, 2; New Haven, 45; New London, 2; Newtown, 2; North Haven, 4; Norwalk (city), 1; Norwich (city), 1; Norwich (town), 1; Plymouth, 11; Pomfret, 2; Seymour, 2; Shelton (borough), 4; Southington, 1; Sprague, 1; Stonington (borough), 1; Suffield, 1; Torrington (borough), 1; Washington, 1; Waterbury, 13; West Haven (borough), 2; Winchester 1; Winsted (borough), 4.—Total, 226 in 43 towns.

**Whooping Cough.**—Bethel, 5; Canaan, 6; Middletown (city), 2; North Haven, 6; Salisbury "epidemic"; Sharon, 1; Simsbury, 11; Somers, 1; Waterbury, 2.—Total, 34+ in 9 towns.

**Typhoid Fever.**—Bolton, 1; Branford, 1; Bridgeport, 1; Bristol, 1; Danbury, 3; Danielson (borough), 2; East Granby, 1; Greenwich, 3; Hamden, 1; Hartford, 9; Killingly, 2; Madison, 1; Mansfield, 1; Meriden (city), 2; (town), 1; New Haven, 14; New London, 2; New Milford, 1; North Canaan, 1; Norwich (city), 1; Putnam, 16; Ridgefield (borough), 1; Salisbury, 1; Southbury, 2; Southington, 2; Waterbury, 6; Wethersfield, 1; Winsted (borough), 1; Woodstock, 1.—Total, 80 in 28 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 9; Cheshire, 1; Derby, 1; Fairfield, 1; Guilford, 1; Hartford, 7; Middletown (city), 1; Naugatuck, 2; New Britain, 1; Norwalk, 1; Norwich (city), 1; Putnam, 1; Southbury, 1; Sterling, 1; Thompson, 1; Waterbury, 7; Wethersfield, 1; Willimantic (city), 1.—Total, 41 in 19 towns.

\* Six delayed certificates for November have been received since the publication of the last Bulletin.

† Thirty-one were at the State Hospital for Insane.

In addition to the above, the Health Officers of seventy-four towns report that they have not been notified of any infectious diseases.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Montville, 1.

**La Grippe.**—Clinton, 1; East Granby, 1; East Haddam, 1; East Haven, 1; Glastonbury, 1; Goshen, 2; Lebanon, 1; Litchfield, 1; Mansfield, 1; North Stonington, 1; Oxford, 1; Plainfield, 1; Preston, 2; Salisbury, 1; Scotland, 1; Seymour, 1; Simsbury, 1; Weston, 1; Wilton, 1.—Total, 21.

**Diphtheria and Croup.**—Bozrah, 1; Pomfret, 1; Suffield, 1.—Total, 3.

**Whooping Cough.**—Somers, 1.

**Typhoid Fever.**—Madison, 1; Washington, 1.

**Consumption.**—Ashford, 1; Berlin, 1; Canton, 1; Darien, 1; East Lyme, 1; Fairfield, 1; Farmington, 1; Granby, 1; Haddam, 1; Lebanon, 2; Old Lyme, 1; Plainfield, 1; Plymouth, 1; Preston, 1; Redding, 1; Salisbury, 1; Southbury, 1; Stafford, 1; Thomaston, 1; Waterford, 1; Wethersfield, 1; Willington, 1; Windsor, 1; Woodbury, 1.—Total, 25.

All the Health Officers of New London, New Haven and Litchfield Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD CO.—Berlin, Enfield, Hartland, South Windsor.

FAIRFIELD CO.—Redding, South Norwalk, Stamford (city).

WINDHAM CO.—Canterbury.

MIDDLESEX CO.—Killingworth, Middlefield, Portland.

TOLLAND CO.—Ellington, Rockville (city), Stafford Springs (borough)

Report of specimens examined at the Laboratory of the State, Board of Health during the month of December:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	20	32	7	50
release.....	27	33	2	62
Tuberculosis.....	19	65	..	84
Typhoid Fever.....	7	17	..	26
Rabies.....	2	6	..	8
Malaria.....	4	4	..	8

Total specimens examined..... 247

Samples of milk..... 76

" " oysters..... 4

" " water analyzed..... 17

" " illuminating oil tested..... 4

## THE INTERNATIONAL CONGRESS ON TUBERCULOSIS.

On September 21, 1908, there will convene in Washington, D. C., the Fifth International Congress on Tuberculosis and the first one to be held in the United States. The session will continue for three weeks and official delegates will be present from many countries. The Congress will be divided into seven sections, and the discussion of tuberculosis problems will be carried on by eminent authorities. Clinics and demonstrations will be held, and there will be an exposition showing what is being done the world over in the campaign against tuberculosis. Medals, diplomas and cash prizes will be awarded for suitable exhibits. Special lectures will be given, to which the public are invited. It is through the efforts of the National Association for the Study and Prevention of Tuberculosis that the Congress meets in this country, and it has invested a large sum (\$100,000) in the project. The committee on the Congress has enlisted the interest of the Federal Government. Seven of the Governmental Departments have signified their intention to participate, and have petitioned the Congress of the United States for the necessary authority and means. The Governors of twenty-five states have already given executive approval of the representation of their states in the Congress, and Governor Woodruff of Connecticut will take similar action. Sub-committees to aid in the work of organization have been appointed in all the states and it is the aim of the Connecticut committee, of which the Secretary of the State Board of Health is chairman, to secure the cooperation of all organizations and individuals interested in the crusade against tuberculosis; to secure the interest and cooperation of the state and local officials as well as to get exhibits and members for the Congress. Local Boards of Health, churches, philanthropic and charitable organizations, labor unions and other associations interested in the subject will be asked to cooperate. The fee for active membership is five dollars, and entitles a member, besides the ordinary privileges of membership, to the full set of published transactions without extra cost. All persons interested in the cause are urged to join the Congress, and this can be done at once.

Applications for membership should be sent to the Secretary-General of the Congress, Dr. John S. Fulton, Washington, D.C., or to the Secretary of this Board.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of State Board of Health and  
Superintendent of Vital Statistics.

HARTFORD, January 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1907.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	31	25	28	0	Cloudy	0.0	Mean	29.99; highest 30.44; date 21
2	33	23	28	.01	Cloudy	0.2	Lowest	29.09; date 23
3	34	21	28	0	Cloudy	0.0	TEMPERATURE.	
4	29	22	26	.20	Cloudy	4.2	Highest 57°; date 10; lowest 18°; date 5	
5	31	18	24	0	Partly Cloudy	0.0	Greatest daily range 28°; date 27	
6	37	23	30	0	Cloudy	0.0	Least daily range 6°; date 1	
7	47	27	37	0	Partly Cloudy	0.0	MEAN FOR THIS MONTH IN	
8	52	30	41	0	Clear	0.0	1904 23° 1905 34° 1906 27° 1907 34°	
9	55	29	42	0	Partly Cloudy	0.0	Mean of this month for 4 years 30	
10	57	49	53	1.08	Cloudy	0.0	Absolute maximum for this month for 4 years 58	
11	51	32	42	0	Cloudy	0.0	Absolute minimum for this month for 4 years 0	
12	34	26	30	0	Partly Cloudy	0.0	Average daily excess of this month as compared with mean of 4 years 5.0	
13	36	24	30	0	Clear	0.0	PRECIPITATION.	
14	33	24	28	.99	Cloudy	8.0	Total this month 4.70	
15	33	27	30	.10	Cloudy	0.4	Snowfall 13.1	
16	38	30	34	.02	Cloudy	0.3	Greatest precipitation in 24 hours 1.56, date 23	
17	38	29	34	0	Partly Cloudy	0.0	Snow on the ground at end of month 0	
18	36	27	32	0	Partly Cloudy	0.0	TOTAL PRECIPITATION THIS MONTH IN	
19	34	23	28	0	Partly Cloudy	0.0	1904 3.09 1905 3.47 1906 3.83 1907 4.70	
20	35	20	28	0	Cloudy	0.0	Average of this month for 4 years 3.77	
21	40	27	34	0	Partly Cloudy	0.0	Excess of this month as compared with average of 4 years 0.93	
22	42	22	32	0	Clear	0.0	WIND.	
23	52	34	43	1.56	Cloudy	0.0	Prevailing direction S W	
24	46	32	39	0	Partly Cloudy	0.0	Total movement 5,343 miles	
25	42	27	34	0	Partly Cloudy	0.0	Average hourly velocity 7.2	
26	44	29	36	0	Partly Cloudy	0.0	Maximum velocity (for five minutes) 43 miles per hour, from S on 10th.	
27	52	24	38	0	Partly Cloudy	0.0	WEATHER.	
28	51	40	46	T	Cloudy	0.0	Number of clear days 3	
29	43	31	37	0	Partly Cloudy	0.0	Partly cloudy 14	
30	53	33	43	.69	Cloudy	0.0	Cloudy 14	
31	41	32	36	.05	Partly Cloudy	T	On which .01 inch, or more, of precipitation occurred 9	
Mean	41.3	27.7	34.5	4.70			MISCELLANEOUS PHENOMENA (dates of).	
							Auroras None	
							Halos, solar None	
							Halos, lunar 13, 17	
							Hail None	
							Sleet 14, 15	
							Fog 25	
							Thunderstorms 23	
							*Frosts: light, heavy, killing,	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1908, and a Statement of the Births and Marriages for the Month of December, 1907.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths from 1 year.	Percentage of Deaths under 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Pauperial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All Other Diseases.
Ansonia, -----	14,320	43	1	2	22 18.4	9	3	40.9	---	---	---	3	---	1	---	---	---	---	---	---	---	1	1	2	2	1	1	8
Branford, -----	6,880	20	1	1	1 1.8	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgport, -----	86,490	243	14	51	128 17.4	10	8	21.0	---	1	---	---	---	---	---	---	---	---	---	---	1	---	---	31	2	4	7	59
Bristol, -----	11,225	24	3	4	20 21.3	3	1	45.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Danbury, -----	19,475	46	1	10	32 18.4	3	---	9.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Derby, -----	9,300	33	---	---	30 12.0	4	---	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Hartford, -----	7,770	15	---	---	10 12.9	1	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Enfield, -----	6,350	18	2	6	11 20.7	2	3	45.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Greenwich, -----	13,600	25	---	12	30 26.4	6	2	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Groton, -----	6,258	10	---	2	9 17.2	1	1	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hamden, -----	5,116	15	---	2	7 16.3	13	5	14.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, -----	98,490	192	8	61	124 12.5	1	10	18.1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Huntington, -----	6,608	9	---	1	10 18.1	1	---	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly, -----	6,700	13	1	1	13 23.2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester, -----	12,266	22	1	7	8 7.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden, -----	30,990	67	2	16	43 16.6	4	---	9.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown, -----	19,080	32	1	11	50 15.7	3	2	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck, -----	13,567	28	2	4	12 10.6	2	3	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain, -----	34,638	100	2	18	60 20.0	10	2	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Haven, -----	72,420	308	13	72	200 18.6	27	9	18.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London, -----	20,200	44	---	19	22 12.4	2	2	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Milford, -----	5,424	9	---	3	9 19.9	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwalk, -----	21,461	31	2	13	31 16.7	3	3	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwich, -----	25,750	43	3	11	38 16.7	7	4	28.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange, -----	8,715	14	---	5	15 20.6	3	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Putnam, -----	7,093	18	1	2	17 25.7	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southington, -----	6,162	11	2	2	7 13.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford, -----	21,036	50	5	18	61 34.7	6	2	13.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington, -----	9,490	14	1	7	12 15.1	2	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington, -----	7,045	4	---	---	3 5.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Union, -----	16,940	37	3	8	16 11.3	3	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallington, -----	8,260	22	---	4	10 14.5	1	---	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury, -----	10,690	23	2	3	11 12.3	1	2	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury, -----	6,860	179	10	33	107 19.5	20	4	22.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Winchester, -----	8,578	13	---	---	13 15.2	1	---	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham, -----	10,216	18	---	7	25 27.0	2	---	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total of the 36 above towns, -----	781,219	1798	80	423	1106 18.1	167	61	19.0	---	2	3	87	4	15	1	2	12	1	1	10	1	118	195	36	119	98	52	439
128 towns of less than 5,000 inhabitants	232,717	364	14	85	338 17.4	41	13	16.0	---	1	2	48	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 164 towns, -----	1,016,936	2162	94	508	1534 18.1	208	74	18.0	---	3	5	135	4	17	1	4	15	1	1	11	5	144	242	49	152	131	67	547
Population of towns not reporting -----	4,214	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Danbury, 7; in Greenwich, 8; in Hartford, 38; in Middletown, 28; in New Britain, 6; in New Haven, 63; in New London, 31; in Norwich, 1; in North, 31; in Stamford, 16; in Waterbury, 13; in Winchester, 1; in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns, leaving the death rate in each town as follows: Ansonia, 40.9; Branford, 1.8; Bridgport, 17.4; Bristol, 21.3; Danbury, 18.4; Derby, 12.0; East Hartford, 12.9; Enfield, 20.7; Greenwich, 26.4; Groton, 17.2; Hamden, 16.3; Hartford, 12.5; Huntington, 18.1; Killingly, 7.8; Manchester, 7.8; Meriden, 16.6; Middletown, 15.7; Naugatuck, 10.6; New Britain, 20.0; New Haven, 18.6; New London, 12.4; New Milford, 19.9; Norwalk, 16.7; Norwich, 16.7; Orange, 20.6; Putnam, 25.7; Southington, 13.6; Stamford, 34.7; Stonington, 15.1; Torrington, 5.1; Union, 11.3; Wallington, 14.5; Waterbury, 19.5; Winchester, 15.2; Windham, 27.0.

The Registrars of the following towns have made no report for January: Killingworth, Lyme, Madison, Redding, Total, 4.

# REMARKS.

By mortality reports received there were 1,534 deaths during the month of January. This was 84 more than in December, and 162 less than in January of last year, and 72 more than the average number of deaths during January for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,534	1,696	1,340	1,412	1,440	1,420

The death rate was 18.1 for the large towns, for the small towns 17.4, and for the whole state 18.1. The deaths reported from infectious diseases were 527, being 21.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—New Britain, 2.

**Measles.**—Ashford, 1; Bozrah, 1; Bridgeport, 6; Burlington, 3; Canton, "epidemic (mild)"; Ellington, 3; Enfield, 3; Glastonbury, 1; Goshen, 2; Granby, 3; Greenwich, 44; Griswold, 1; Groton (town), 4; (borough), 4; Hamden, 1; Hartford, 50; Manchester, 5; Middletown (city), 5; Montville, 3; New Britain, 2; New Haven, 4; New London, 15; North Stonington, 30+; Norwalk, 1; Norwich (city), 1; Norwich (town), 1; Plymouth, 2; Pomfret, 3; Redding, 1; Rockville (city), 10+; Sharon, 4; Simsbury, 26; Sprague, 4; Stamford (city), 3; Stonington, 10; Torrington (borough), 1; Wallingford, 1; Washington, 3; Waterbury (city), 12; West Hartford, 1; Winsted (borough), 1.—Total, 276+ in 39 towns.

**Scarlet Fever.**—Bethel, 2; Bozrah, 1; Branford (town and borough), 6; Bridgeport, 3; Burlington, 1; Danbury (city), 2; Danbury (town), 1; Derby, 2; East Hartford, 4; East Haven, 1; East Lyme, 7; Ellington, 2; Essex, 2; Greenwich, 10; Groton (borough), 4; Hartford, 46; Jewett City (borough), 3; Killingly, 9; Manchester, 1; Meriden (city), 3; Meriden (town), 4; New Britain, 2; New Haven, 23; New London, 10; New Milford, 1; North Canaan, 1; Norwalk (city), 2; Norwich (city), 1; Norwich (town), 1; Old Saybrook, 1; Plymouth, 2; Rockville (city), 1; Shelton (borough), 3; Southington, 3; Stafford, 1; Stafford Springs (borough), 4; Stamford (city), 2; Stonington, 4; Torrington (borough), 1; Waterbury (city), 8; Waterford, 2; West Hartford, 2; West Haven (borough), 1; Weston, 1; Westport, 8; Willimantic (city), 1; Windsor Locks, 1; Woodbury, 4.—Total, 205 in 45 towns.

**Cerebro Spinal Fever.**—Bristol, 1; Naugatuck, 1; New Haven, 1; Waterbury (city), 1.—Total, 4.

**Diphtheria and Croup.**—Avon, 2; Bozrah, 1; Bridgeport, 18; Burlington, 1; Colchester, 1; Danbury (city), 5; Darien, 1; Derby, 2; Greenwich, 2; Haddam, 1; Hartford, 20; Harwinton, 1; Lyme, 1; Middletown, 8; Milford, 4; Naugatuck, 1; New Britain, 9; New Haven, 27; New London, 1; North Haven, 1; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 1; Orange, 1; Plymouth, 1; Portland, 1; Redding, 1; Ridgefield, 1; Rockville (city), 5; Sprague, 1; Stafford Springs (borough), 1; Waterbury (city), 11; Winchester, 2.—Total, 137 in 32 towns.

**Whooping Cough.**—Bridgeport, 1; Hartford, 1; Redding, 1; Stamford (city), 1; Thomaston, 5.—Total, 9 in 5 towns.

**Typhoid Fever.**—Bridgeport, 1; Bristol, 1; Granby, 1; Greenwich, 1; Hartford, 3; Killingly, 1; Mansfield, 1; New London, 1; North Stonington, 1; Norwalk (city), 1; Norwich, 1; Plymouth, 1; Putnam, 3; Ridgefield (borough), 1; Shelton (borough), 1; Southbury, 1; South Windsor, 3; Stamford (city), 3; Thompson, 1; Waterbury (city), 4; West Haven (borough), 2; Westport, 1; Willimantic (city), 1; Winsted (borough), 1.—Total, 39 in 24 towns.

**Consumption.**—Andover, 1; Bridgeport, 6; Burlington, 1; Hartford, 15; Killingly, 1; Manchester, 1; Middletown (city), 2; Middletown (town), 3; Naugatuck, 2; New Britain, 1; New Haven, 13; Norwalk, 1; Norwich (city), 1; Plymouth, 1; Putnam, 3; Southbury, 2; Stamford (city), 1; Stratford, 1; Waterbury (city), 17; Watertown, 1; Willimantic (city), 1.—Total, 75 in 20 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Ansonia, Barkhamsted, Beacon Falls, Bethany, Bethelchem, Bloomfield, Bolton, Bridgewater, Brooklynn, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, Easton, East Windsor, Fairfield, Farmington, Guilford, Hampton, Hartland, Hebron, Huntington, Kent, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Madison, Marlborough, Middlebury, Monroe, Morris, New Fairfield, New Hartford, Newington, Newtown, Norfolk, North Branford, Old Lyme, Oxford, Plainfield, Plainville, Preston, Prospect, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Seymour, Sherman, Somers, South Norwalk (city), Stamford, Sterling, Suffield, Tolland, Torrington, Union, Vernon, Voluntown, Wallingford (borough), Westbrook, Wethersfield, Wellington, Wilton, Windham, Windsor, Wolcott, Woodbridge, Woodstock.—Total, 83.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—North Stonington, 1.

**Scarlet Fever.**—Canton, 1; Griswold, 1.

**La Grippe.**—Bethany, 1; Brooklynn, 1; Canton, 2; Chatham, 1; Cheshire, 1; Chester, 1; Columbia, 1; Coventry, 1; Darien, 4; East Haven, 1; Ellington, 1; Farmington, 1; Glastonbury, 1; Granby, 1; Milford, 1; Montville, 1; North Canaan, 1; North Stonington, 2; Plainfield, 3; Plymouth, 1; Preston, 1; Rocky Hill, 1; Roxbury, 1; Salisbury, 1; Seymour, 2; Sharon, 1; Simsbury, 1; South Windsor, 2; Stafford, 2; Suffield, 2; Waterford, 1; West Hartford, 1; Weston, 1; Westport, 1; Windsor, 1; Woodbridge, 1.—Total, 47.

**Diphtheria and Croup.**—Burlington, 1; Waterford, 1.

**Typhoid Fever.**—Bolton, 1; South Windsor, 1; Woodstock, 1.

**Consumption.**—Burlington, 2; Canton, 1; Chester, 1; Coventry, 1; Darien, 1; East Windsor, 1; Ledyard, 1; Litchfield, 1; New Canaan, 1; New Hartford, 1; Rocky Hill, 1; Salisbury, 1; Seymour, 1; Sharon, 1; Simsbury, 1; Southbury, 1; Sprague, 1; Stafford, 1; Suffield, 1; Tolland, 1; Waterford, 1; Watertown, 1; West Hartford, 2; Westport, 1.—Total, 26.

All the Health Officers of New Haven and Windham Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Berlin.

NEW LONDON Co.—Franklin.

FAIRFIELD Co.—Brookfield, New Canaan (town and borough), Trumbull.

LITCHFIELD Co.—Roxbury, Warren.

MIDDLESEX Co.—Killingworth, Middlefield.

TOLLAND Co.—Coventry.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	18	21	1	..
release.....	12	13	..	..
Tuberculosis.....	24	61	..	..
Typhoid Fever.....	4	13	3	..
Rabies.....	5	1	..	..
Malaria.....	5	4	..	..
Total specimens examined.....	185			
Samples of milk.....	100			
"    oysters.....	9			
"    water analyzed.....	14			
"    illuminating oil tested.....	13			

## THE OYSTER.

The announcement has been made in the public press of the formation of an association known as The National Association of Oyster Growers and Dealers, having for its object, it is stated, "to prove the purity of the oyster as a food."

The oyster is highly prized as an article of food, and the oyster business is conducted in Connecticut on an extensive scale, employing large capital and many hands, so that its promotion and protection should be encouraged. It is not the general belief of physicians and scientists that oysters are a common cause of typhoid fever, but that they have been the cause of several epidemics has been abundantly proven. Nearly all the oysters raised in this state are grown offshore, in the deep water of Long Island Sound, where they are probably free from danger of contamination. It is only when a few days before marketing they are brought in and placed on submerged rafts called floats, in the brackish water at the mouths of rivers or in harbors which are polluted by sewage, that they become a source of danger to public health when eaten raw. This process is called the floating or "fattening" of oysters, whereby they absorb large quantities of the fresher water, giving them a whiter and plumper appearance, but does not in any way increase their nutritive value. Not all oysters are floated, and many of the larger dealers have discontinued the practice altogether, but it is still done to some extent. It is not only a dangerous practice, but it hurts the good name of the oyster. The State Board of Health a few years ago placed itself on record as condemning the practice and urged its discontinuance with the oyster growers. This newly-formed association can in no better way prove the purity of the oyster than to show the public that the floating or "fattening" of oysters in sewage-polluted water has been stopped.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and

Superintendent of the Registration of Vital Statistics.

HARTFORD, February 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.
	Max.	Min.	Mean.			
1	44	30	37	0	Partly Cloudy	0.0
2	37	27	32	0	Clear	0.0
3	34	25	30	0	Clear	0.0
4	38	20	29	.12	Cloudy	0.2
5	38	14	26	0	Clear	0.0
6	33	11	22	0	Partly Cloudy	0.0
7	45	18	32	1.46	Cloudy	0.0
8	44	36	40	.07	Partly Cloudy	0.0
9	37	20	28	.01	Cloudy	0.1
10	27	18	22	0	Clear	0.0
11	41	17	29	0	Partly Cloudy	0.0
12	43	34	37	.98	Cloudy	0.0
13	49	32	40	.06	Partly Cloudy	0.0
14	34	21	28	0	Clear	0.0
15	38	22	30	T	Cloudy	T
16	39	21	30	.02	Cloudy	T
17	33	16	24	0	Partly Cloudy	0.0
18	38	27	32	T	Partly Cloudy	T
19	38	17	28	T	Partly Cloudy	T
20	42	11	26	0	Cloudy	0.0
21	54	36	45	0	Partly Cloudy	0.0
22	52	35	44	T	Partly Cloudy	0.0
23	36	28	32	.02	Cloudy	0.0
24	28	16	22	.48	Cloudy	5.5
25	28	14	21	0	Cloudy	0.0
26	44	21	32	T	Partly Cloudy	0.0
27	48	21	34	.23	Partly Cloudy	T
28	34	17	26	.01	Partly Cloudy	0.0
29	35	11	23	.01	Cloudy	0.3
30	11	-1	5	0	Clear	0.0
31	22	-2	10	0	Clear	0.0
Mean	37.5	20.3	28.9	3.47		

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean..... 29.97; highest..... 30.57; date 19  
Lowest..... 29.03; ..... date 7

### TEMPERATURE.

Highest..... 54°; date 21; lowest..... -2°; date 31  
Greatest daily range..... 31°; ..... date 20  
Least daily range..... 8°; ..... date 8

### MEAN FOR THIS MONTH IN

1905.... 23° 1906.... 34° 1907.... 26° 1908.... 29°  
Mean of this month for 4 years..... 28  
Absolute maximum for this month for 4 years..... 62  
Absolute minimum for this month for 4 years..... -9  
Average daily excess of this month as compared with mean of  
4 years..... 0.9

### PRECIPITATION.

Total this month..... 3.47  
Snowfall..... 6.1  
Greatest precipitation in 24 hours 1.53, date..... 7, 8  
Snow on the ground at end of month..... Trace

### TOTAL PRECIPITATION THIS MONTH IN

1905.... 4.64 1906.... 2.69 1907.... 2.94 1908.... 3.47  
Average of this month for 4 years..... 3.44  
Excess of this month as compared with average of 4 years..... 0.03

### WIND.

Prevailing direction..... N W  
Total movement..... 6,822 miles  
Average hourly velocity..... 9.2  
Maximum velocity (for five minutes) 32 miles per hour,  
from N W on 5th.

### WEATHER.

Number of clear days..... 7  
Partly cloudy..... 13  
Cloudy..... 11  
On which .01 inch, or more, of precipitation occurred..... 12

### MISCELLANEOUS PHENOMENA (dates of).

Auroras..... None  
Halos, solar..... None  
Halos, lunar..... 11, 17  
Hail..... None  
Sleet..... None  
Fog..... None  
Thunderstorms..... None  
\*Frosts: light,.....; heavy,.....; killing,.....

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1908, and a Statement of the Births and Marriages for the Month of January, 1908.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia,-----	14,320	34	2	5	28	23.4	9	1	35.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Branford,-----	6,580	9	1	3	3	5.4	25	13	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Bridgeport,-----	86,490	231	5	73	141	19.4	25	13	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Bristol,-----	11,225	13	1	13	10	10.6	3	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Danbury,-----	19,475	47	1	17	33	20.3	4	12.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Derby,-----	9,300	38	2	9	11	14.1	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
East Hartford,-----	7,770	13	2	3	5	7.7	3	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Enfield,-----	6,350	28	1	10	10	18.8	6	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Greenwich,-----	13,600	20	---	8	26	22.9	3	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Groton,-----	6,258	6	1	5	9	17.2	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden,-----	5,116	8	---	7	16.3	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hartford,-----	98,490	202	5	62	126	13.2	22	6	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Huntington,-----	6,608	18	---	1	4	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Killingly,-----	6,700	15	---	6	12	21.5	4	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Manchester,-----	12,260	22	1	3	12	11.7	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Meriden,-----	30,990	75	1	18	35	13.5	7	1	22.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Middletown,-----	19,080	37	3	13	33	9.4	3	12.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Naugatuck,-----	13,507	32	4	4	15	13.2	3	1	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
New Britain,-----	34,638	97	4	10	43	14.8	15	2	39.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
New Haven,-----	123,420	319	24	90	206	19.0	30	20	24.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
New London,-----	20,200	46	2	20	34	19.6	2	2	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
New Milford,-----	5,421	8	1	2	7	15.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Norwalk,-----	21,461	25	1	14	48	26.3	7	3	20.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Norwich,-----	25,750	47	---	17	41	18.6	6	1	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Orange,-----	8,715	15	---	5	12	16.4	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Putnam,-----	7,933	14	2	6	11	13.6	1	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Southampton,-----	6,162	13	2	---	5	9.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stamford,-----	21,036	73	4	17	38	19.3	9	4	34.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stonington,-----	9,490	21	4	2	14	17.6	5	35.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Thompson,-----	7,015	9	---	2	2	3.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Torrington,-----	16,040	25	3	18	18	12.7	2	3	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Vernon,-----	8,260	14	---	5	12	17.4	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Wallingford,-----	10,690	38	2	6	9	10.1	1	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Waterbury,-----	63,760	191	7	57	88	14.4	23	6	32.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Westchester,-----	8,570	16	---	---	15	13.5	2	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Windham,-----	10,210	11	1	4	23	27.0	2	2	17.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Total of the 36 above towns,-----	784,210	1820	86	565	1144	17.5	206	72	24.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
131 towns of less than 5,000 inhabitants	235,825	386	20	88	367	18.6	47	10	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Total reported from 167 towns,-----	1,020,034	2206	106	653	1511	17.7	253	82	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Population of town not reporting	1,160	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Greenwich, 2; in Hartford, 40; in Meriden, 3; in Middletown, 22; in New Haven, 45; in New London, 8; in Norwalk, 2; in Norwich, 5; in Putnam, 4; in Stamford, 6; in Waterbury, 7. Non-residents in these are deducted from the total mortality of their respective towns in the above rates of loss of lives.

The following towns are reported to have no deaths in February: Andover, Avon, Barkhamsted, Bethany, Bethlehem, Cheshire, Clinton, Durham, East Granby, Goshen, Haddam, Killingworth, Ledyard, Lyme, Monroe, Prospect, Redding, Roxbury, Salem, Sharon, Somers, Union.—Total, 22.

The Registrar of the following town has made no report for February: Kent.

# REMARKS.

By mortality reports received there were 1,511 deaths during the month of February. This was 44 less than in January, and 8 less than in February of last year, and 149 more than the average number of deaths during February for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,555	1,606	1,340	1,412	1,440	1,420
February,	1,511	1,519	1,235	1,368	1,387	1,303

The death rate was 17.5 for the large towns, for the small towns 18.6, and for the whole state 17.7. The deaths reported from infectious diseases were 252, being 18.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Middletown (city), 1; New Britain, 2.

**Measles.**—Avon, 2; Bloomfield, 1; Bozrah, 1; Bridgeport, 3; Bridgewater, 1; Burlington, 2; Canton, "epidemic in mild form"; Cheshire, 1; Columbia, 13; Darien, 4; East Granby, 13; Ellington, 2; Enfield, 1; Granby, 15; Greenwich, 83; Groton (town), 1; Groton (borough), 4; Hartford, 61; Hartland, 12; Kent, 1; Manchester, 5; Mansfield, 1; Marlborough, 1; Middletown (city), 1; Monroe, 2; Montville, 1; Morris, 1; Naugatuck, 1; New Haven, 5; New London, 14; North Stonington, 35 +; Norwalk (city), 2; Orange, 2; Oxford, 3; Plainville, 1; Plymouth, 1; Rockville, (city), 20 +; Sharon, 1; Simsbury, 21; Southington, 8; South Norwalk (city), 1; Sprague, 3; Stafford Springs (borough), 1; Stamford (city), 2; Stamford (town), 1; Stonington, 40; Thomaston, 2; Torrington (borough), 1; Wallingford (borough), 1; Waterbury, 19; Watertown, 16; Willimantic (city), 1.—Total, 434 + in 52 towns.

**Scarlet Fever.**—Berlin, 1; Bethel, 1; Branford, 1; Bridgeport, 9; Burlington, 4; Danbury (city), 3; Eastford, 3; East Hartford, 2; Enfield, 1; Essex, 4; Fairfield, 1; Greenwich, 19; Groton (town), 1; Groton (borough), 1; Hamden, 1; Hartford, 24; Hartland, 2; Ledyard, 1; Lisbon, 1; Lyme, 6; Middletown (city), 1; Naugatuck, 2; New Britain, 5; New Hartford, 1; New Haven, 21; Newington, 9; New London, 13; New Milford, 2; Norwalk (city), 3; Norwich (city), 3; Norwich (town), 4; Plymouth, 4; Redding, 2; Seymour, 1; Simsbury, 3; Southington, 1; South Norwalk (city), 1; Sprague, 1; Stafford, 1; Stafford Springs (borough), 6; Stamford (city), 1; Stamford (town), 1; Stonington (borough), 1; Suffield, 1; Torrington (borough), 1; Wallingford (town), 1; Wallingford (borough), 1; Waterbury, 11; Westbrook, 1; West Haven (borough), 1; Westport, 2; Willington, 1; Winchester, 1; Woodbury, 3.—Total, 197 in 55 towns.

**Cerebro Spinal Fever.**—Groton, 1; New Haven, 2.

**Diphtheria and Croup.**—Ansonia, 1; Bethlehem, 2; Bridgeport, 15; Bristol, 1; Coventry, 1; Derby, 1; Essex, 1; Greenwich, 1; Groton (borough), 1; Hartford, 19; Middletown, 5; New Britain, 8; New Haven, 26; North Branford, 1; North Stonington, 1; Norwalk (city), 3; Norwalk (town), 2; Redding, 1; Rockville (city), 1; Simsbury, 4; South Norwalk (city), 3; Sprague, 2; Stamford (city), 1; Suffield, 1; Thomaston, 1; Tolland, 2; Torrington (borough), 1; Wallingford (borough), 1; Waterbury, 9; West Haven (borough), 1; Winsted (borough), 2.—Total, 119 in 31 towns.

**Whooping Cough.**—Darien, 1; Farmington, 1; Hartford, 2; Kent, 1; Madison, 1; North Branford, 2; Norwalk (city), 4; Roxbury, 4 +; Sharon, 6; Stamford (city), 3; Thomaston, 10.—Total, 35 + in 11 towns.

**Typhoid Fever.**—Branford, 1; Bristol, 1; Darien, 2; Hamden, 1; Hartford, 2; Harwinton, 1; New Haven, 17; New London, 2; Norwalk (city), 1; Plymouth, 1; Southbury, 1; Stratford, 1; Waterbury, 2; West Haven (borough), 1; Willimantic (city), 1; Winsted (borough), 1.—Total, 36 in 16 towns.

**Consumption.**—Bloomfield, 1; Bridgeport, 12; Brookfield, 1; Canterbury, 1; Darien, 1; Guilford, 1; Hartford, 8; Hebron, 1; Milford, 1; Naugatuck, 3; Norwalk, 1; Norwich (city), 1; Putnam (city and town), 2; Southington, 1; Stamford (city), 4; Waterbury, 11; Watertown, 1; Westbrook, 1; Willimantic (city), 2.—Total, 54 in 19 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bolton, Brooklyn, Canaan, Chaplin, Chatham, Chester, Clinton, Colchester, Colbrook, Cornwall, Cromwell, Danbury, Danielson (borough), Durham, East Haddam, East Haven, East Lyme, Easton, East Windsor, Franklin, Glastonbury, Goshen, Griswold, Haddam, Hampton, Huntington, Jewett City (borough), Killingly, Killingworth, Lebanon, Litchfield, Meriden (city), Meriden (town), Middlebury, New Canaan, New Fairfield, Newtown, Norfolk, North Canaan, North Haven, Old

Lyme, Old Saybrook, Plainfield, Pomfret, Portland, Preston, Prospect, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Sherman, Somers, South Windsor, Sterling, Thompson, Torrington, Trumbull, Vernon, Voluntown, Warren, Washington, Waterford, West Hartford, Weston, Wethersfield, Wilton, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodstock.—Total, 79.

All the Health Officers of Hartford, New Haven, New London, Windham and Litchfield Counties have reported, but the Health Officers of the following Towns have not reported:

FAIRFIELD Co.—Shelton (borough), Ridgefield (town and borough), MIDDLESEX Co.—Middletown.  
TOLLAND Co.—Union.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Burlington, 1; Columbia, 1; Hartland, 1; North Stonington, 1; Sprague, 1.—Total, 5.

**Scarlet Fever.**—Burlington, 3; Griswold, 1; New Hartford, 1.—Total, 5.

**La Grippe.**—Ashford, 2; Brooklyn, 1; Chatham, 1; Coventry, 5; Cromwell, 1; East Lyme, 1; Ellington, 1; Farmington, 1; Glastonbury, 2; Guilford, 1; Lebanon, 1; Lisbon, 1; Madison, 2; Mansfield, 2; Marlborough, 1; Milford, 1; Newtown, 2; North Stonington, 1; Plainfield, 1; Preston, 1; Rocky Hill, 1; Scotland, 1; Southbury, 1; Suffield, 1; Trumbull, 1; Westbrook, 1; West Hartford, 1; Westport, 1; Wilton, 1; Windsor Locks, 1; Woodstock, 2.—Total, 41.

**Diphtheria and Croup.**—Simsbury, 1; Thomaston, 1.

**Whooping Cough.**—Plainfield, 1; Salisbury, 1.

**Typhoid Fever.**—Canton, 1; Granby, 1; Mansfield, 1.

**Consumption.**—Bloomfield, 1; Brooklyn, 1; Burlington, 1; Canaan, 1; Canterbury, 1; Coventry, 1; Darien, 2; Easton, 1; Franklin, 1; Glastonbury, 2; Griswold, 1; Litchfield, 1; Madison, 1; New Fairfield, 1; Old Lyme, 1; Plainfield, 1; Preston, 1; Salisbury, 2; Seymour, 1; Simsbury, 1; Southbury, 1; Stafford, 1; Stratford, 1; Suffield, 1; Warren, 1; Watertown, 1.—Total, 29.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	9	30	2	..	41
"    release.....	16	19	..	..	35
Tuberculosis.....	22	60	..	..	82
Typhoid Fever.....	8	18	..	..	26
Rabies.....	3	t	..	..	4
Malaria.....	1	4	..	..	5
Total specimens examined.....					103
Samples of milk.....					76
"    "    oysters.....					8
"    "    water analyzed.....					33
"    "    illuminating oil tested.....					4

## CONCERNING THE LABORATORY WORK.

The laboratory is desirous of improving the technique of its method of diagnosing typhoid fever, and for this purpose asks the coöperation of the physicians of this state. To each physician who sends sample of blood to the laboratory for diagnosis, there will be sent a return postal card asking for clinical results in the case. This card will be sent about a month after the original sample has been received by the laboratory. Physicians are earnestly requested to fill out these postal cards and return them to the laboratory in order that it may be possible to determine the accuracy of the tests as made in the laboratory, and thus to get data for increasing the usefulness of this part of the laboratory work.

The laboratory is prepared hereafter to undertake to a limited extent the bacteriological analysis of milk samples which may be sent from different places in the state. In certain cases chemical analysis of milk will also be made where desired. The purpose of undertaking this work is to bring about a more thorough examination and inspection of the milk supply of this state, and thus to improve the general health, especially of infants who may feed largely on cow's milk. Health officers and milk inspectors are invited to correspond with Professor Conn in regard to this matter, and so far as possible the laboratory will be at the service of health officers who are desirous of improving the character of the milk supply.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 16, 1908.

\* Twenty-one delayed certificates have been received for January since the publication of the last Bulletin.

+ Thirteen cases of typhoid fever in New Haven, for the month of January, by clerical error were reported as consumption.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE.		
	Max.	Min.	Mean.				(Reduced to sea level; inches and hundredths.)		
1	48	14	31	1.11	Cloudy	3.3	Mean	30.07	highest 30.81; date 9
2	30	12	21	0	Cloudy	0.0	Lowest	29.05	date 15
3	26	11	18	.01	Partly Cloudy	0.0	TEMPERATURE.		
4	17	0	8	0	Clear	0.3	Highest	56°	date 15; lowest -6°; date 5
5	19	-6	6	.16	Partly Cloudy	0.1	Greatest daily range	34°	date 1
6	32	19	26	.37	Cloudy	7.5	Least daily range	9°	date 13
7	28	15	22	0	Partly Cloudy	0.0	MEAN FOR THIS MONTH IN		
8	15	-1	7	0	Clear	0.0	1905	21°	1906 28° 1907 20° 1908 24°
9	20	-3	8	0	Clear	0.0	Mean of this month for 4 years	23	
10	29	0	14	0	Partly Cloudy	0.0	Absolute maximum for this month for 4 years	56	
11	45	15	30	0	Clear	0.0	Absolute minimum for this month for 4 years	-6	
12	36	17	26	0	Clear	0.0	Average daily excess of this month as compared with mean of 4 years	1.0	
13	38	29	34	.25	Cloudy	0.0	PRECIPITATION.		
14	47	35	41	.24	Cloudy	0.0	Total this month	4.98	
15	56	38	47	.79	Cloudy	0.0	Snowfall	13.6	
16	42	31	36	0	Partly Cloudy	0.0	Greatest precipitation in 24 hours 1.11, date	1	
17	33	22	28	T	Cloudy	T	Snow on the ground at end of month	1.3	
18	26	15	20	0	Clear	0.0	TOTAL PRECIPITATION THIS MONTH IN		
19	30	20	25	1.04	Cloudy	4.0	1905	1.79	1906 2.30 1907 2.48 1908 4.98
20	32	20	26	0	Clear	0.0	Average of this month for 4 years	2.89	
21	35	15	25	0	Clear	0.0	Excess of this month as compared with average of 4 years	2.09	
22	31	17	24	0	Partly Cloudy	0.0	WIND.		
23	27	11	19	.10	Partly Cloudy	0.3	Prevailing direction	NW	
24	29	14	22	.02	Clear	1.3	Total movement	5,624 miles	
25	36	4	20	0	Partly Cloudy	0.0	Average hourly velocity	8.1	
26	45	27	36	.88	Cloudy	1.8	Maximum velocity (for five minutes) 48 miles per hour, from S on 15th.		
27	41	27	34	.01	Cloudy	0.0	WEATHER.		
28	27	18	22	0	Clear	0.0	Number of clear days	11	
29	27	16	22	0	Clear	0.0	Partly cloudy	8	
30							Cloudy	10	
31							On which .or inch, or more, of precipitation occurred	12	
Mean	32.7	15.6	24.2	4.98			MISCELLANEOUS PHENOMENA (dates of).		
							Auroras	None	
							Halos, solar	None	
							Halos, lunar	12, 18	
							Hail	None	
							Sleet	19	
							Fog	13, 14	
							Thunderstorms	None	
							*Frosts: light, ; heavy, ; killing,		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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LEWIS SPERRY, ESQ., HARTFORD  
A. J. WOLFF, M.D., HARTFORD  
J. H. TOWNSEND, M.D., SECRETARY



# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1908, and a Statement of the Births and Marriages for the Month of February, 1908.

Total estimated population of the State, 1,024,150.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, -----	14,320	49	3	13	20	19.7	7	2	45.0	---	---	2	---	---	---	---	---	---	---	---	---	2	2	1	---	3	1	9	
Brantford, -----	6,150	13	6	10	10	18.2	3	30.0	---	---	---	---	---	1	1	---	---	---	---	---	---	---	---	---	---	3	1	2	
Bridgeport, -----	86,490	223	14	71	103	12.4	18	9	26.2	1	1	1	---	---	---	---	---	---	---	---	---	---	---	---	10	7	5	48	
Bristol, -----	11,225	28	2	11	13	13.8	1	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	2	
Danbury, -----	10,475	32	2	11	24	14.1	3	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	3	9	
Derby, -----	9,300	24	1	3	15	19.3	8	2	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	5	
East Hartford, -----	7,770	14	3	3	12	12.3	3	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	
East Hartford, -----	7,770	14	3	3	12	12.3	3	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	1	
Enfield, -----	6,350	33	17	10	18.8	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	4	
Greenwich, -----	13,600	21	2	17	21	11.1	4	23.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	2	
Groton, -----	6,258	6	3	2	10	19.1	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	4	
Hamden, -----	5,146	16	1	3	5	11.6	1	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2	7	
Hartford, -----	98,490	192	8	65	165	18.6	26	3	11.5	1	2	1	1	1	2	1	---	---	---	---	---	---	---	---	1	1	52		
Huntington, -----	6,668	8	1	9	16.1	2	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	
Killingly, -----	6,700	10	5	14	25.0	4	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	5	
Manchester, -----	12,266	21	2	9	11	10.7	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Meriden, -----	30,990	62	3	16	37	13.1	6	16.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	
Middletown, -----	19,080	44	3	15	31	11.3	5	1	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	13	
Middletown, -----	13,567	26	1	9	15	13.2	4	4	53.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	4	
Naugatuck, -----	34,638	98	2	55	51	16.2	18	1	37.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	23	
New Britain, -----	123,420	310	15	70	201	18.3	29	16	22.3	3	9	2	3	2	2	4	2	---	---	---	---	---	---	---	1	1	65		
New Haven, -----	20,200	45	19	36	21.3	4	1	13.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	15	
New London, -----	5,424	11	1	3	9	19.9	2	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	2	
New Milford, -----	21,461	33	2	9	29	16.2	4	2	20.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	
Norwalk, -----	25,750	42	5	23	38	16.7	4	3	18.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	20	
Norwich, -----	8,715	13	3	7	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	
Orange, -----	7,933	13	1	5	6	9.0	3	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	4	
Putnam, -----	6,162	11	1	20	33	17.6	1	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	17	
Southington, -----	21,936	63	1	20	33	17.6	1	46.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	4	
Stamford, -----	9,490	18	6	15	18.9	5	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	7	
Stonington, -----	7,045	10	1	3	9	15.3	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	
Thompson, -----	16,940	25	2	11	17	12.0	8	3	64.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	10	
Torrington, -----	8,260	15	1	7	11	15.9	2	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	7	
Vernon, -----	10,690	15	2	10	21.3	3	1	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	10	
Wallington, -----	63,700	182	4	45	93	17.5	27	12	41.9	2	1	2	1	1	2	---	---	---	---	---	---	---	---	---	1	1	31		
Waterbury, -----	8,570	18	1	2	13	17.5	1	2	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	5	
Winchester, -----	10,210	26	1	6	11	12.9	3	1	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	3	
Windham, -----	784,219	1770	82	571	1126	17.2	214	77	25.8	10	6	43	5	8	5	9	11	2	1	17	5	95	149	34	122	133	53	418	
Total of the 36 above towns, -----	229,237	403	13	88	314	16.4	48	15	20.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18	105	---
126 towns of less than 5,000 inhabitants	1,013,456	2173	95	659	1440	17.0	262	92	24.6	11	7	62	5	11	6	9	13	2	3	20	6	119	193	45	163	171	71	523	
Total reported from 162 towns, -----	1,013,456	2173	95	659	1440	17.0	262	92	24.6	11	7	62	5	11	6	9	13	2	3	20	6	119	193	45	163	171	71	523	
Population of towns not reporting -----	7,694	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Danbury, 3; in Greenwich, 3; in Hartford, 70; in Meriden, 10; in Middletown, 14; in New Britain, 7; in New Haven, 48; in New London, 2; in Norwalk, 1; in Norwich, 2; in Stamford, 7; in Waterbury, 5; in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Bethany, Bethlehem, Bolton, Bridgewater, Chester, Cornwall, Coventry, Durham, Eastford, East Haven, Eason, Hampton, Lebanon, Lyme, Marlborough, New Fairfield, Oxford, Plainfield, Prospect, Rocky Hill, Salem, Union, Voluntown. Total, 24.

The Registrars of the following towns have made no report for March: Ashford, Bethel, Brookfield, Hartland, Madison, Warren. Total, 6.

# REMARKS.

By mortality reports received there were 1,440 deaths during the month of March. This was 74 less than in February, and 132 less than in March of last year, and 77 less than the average number of deaths during March for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	*1,557	1,606	1,340	1,412	1,440	1,420
February,	*1,514	1,519	1,235	1,368	1,387	1,303
March,	1,440	1,572	1,489	1,577	1,525	1,421
Total first quarter.	4,511	4,787	4,064	4,357	4,352	4,144

The death rate was 17.2 for the large towns, for the small towns, 16.4, and for the whole state, 17.0. The deaths reported from infectious diseases were 245, being 17.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Andover, 1; Avon, 1; Berlin, 1; Bloomfield, 14; Branford, 3; Bridgeport, 3; Bridgewater, 1; Burlington, 6; Canton, "epidemic rapidly abating"; Cheshire, 1; Cornwall, 3; Danbury (city), 2; Darien, 1; Derby, 1; East Granby, 2; East Hartford, 5; Ellington, 2; Enfield, 1; Farmington, 2; Greenwich, 46; Groton, 4; Hartford, 98; Lebanon, 1; Manchester, 1; Mansfield, 3; Middletown (city), 1; Milford, 1; Naugatuck, 8; New Haven, 5; New London, 4; North Canaan, 1; North Stonington, 6+; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 2; Preston, 2; Putnam, 1; Rockville (city), 10+; Seymour, 2; Sharon, 1; Simsbury, 18; Southbury, 1; South Norwalk (city), 1; Sprague, 19; Stamford (city), 2; Stonington (town), 9; Stonington (borough), 1; Suffield, 26; Torrington (town), 1; Torrington (borough), 8; Vernon, 6+; Waterbury (city), 31; Watertown, 23+; Westbrook, 1; Westport, 1; Willimantic (city), 2; Winchester, 3; Winsted (borough), 3.—Total, 405+ in 52 towns.

**Scarlet Fever.**—Berlin, 2; Bethel (borough), 2; Bridgeport, 7; Canton, 1; Danielson (borough), 1; East Hartford, 7; Enfield, 2; Essex, 3; Fairfield, 2; Glastonbury, 10; Greenwich, 5; Groton (borough), 1; Hampton, 4; Hartford, 31; Lyme, 6; Meriden (city), 4; Middletown (city), 4; Montville, 3; Naugatuck, 12; New Britain, 3; New Canaan, 2; New Haven, 3; New London, 15; New Milford, 7; North Haven, 1; Norwalk (city), 2; Norwich (city), 1; Orange, 2; Plymouth, 1; Shelton (borough), 2; Simsbury, 1; Southington, 1; South Norwalk (city), 1; Sprague, 2; Stafford Springs (borough), 5; Stonington (town), 1; Stonington (borough), 2; Thomaston, 1; Tolland, 4; Torrington (borough), 6; Wallingford (borough), 1; Waterbury (city), 14; Watertown, 5; Westbrook, 1; West Hartford, 2; Westport, 3; Winchester, 2; Winsted (borough), 3.—Total, 226 in 46 towns.

**Cerebro Spinal Fever.**—Guilford, 1; New Haven, 2.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 1; Branford, 8; Bridgeport, 8; Bristol, 1; Colchester, 2; Danbury (city), 5; Danbury (town), 1; Derby, 4; East Hartford, 1; Enfield, 1; Fairfield, 2; Farmington, 1; Glastonbury, 3; Granby, 1; Greenwich, 3; Guilford, 1; Haddam, 1; Hamden, 4; Hartford, 16; Lebanon, 2; Meriden (city), 4; Middletown (city), 1; Naugatuck, 1; New Britain, 8; New Haven, 18; New Milford, 2; Norwalk (city), 1; Norwalk (town), 1; Ridgefield (borough), 1; Rockville (city), 1; Seymour, 1; Shelton (borough), 2; Simsbury, 2; Stamford (city), 2; Stonington, 3; Suffield, 1; Wallingford (borough), 1; Waterbury (city), 3; Watertown, 1; Westport, 1; Wellington, 1; Winsted (borough), 2.—Total, 127 in 41 towns.

**Whooping Cough.**—Bridgeport, 2; Litchfield, 5+; Roxbury, 8; Sharon, 1; Shelton (borough), 1; Stamford (city), 7; Wallingford (borough), 1; Waterbury (city), 3; Watertown, 2; Willimantic (city), 4.—Total, 34+ in 10 towns.

**Typhoid Fever.**—Bridgeport, 4; Bristol, 1; Hartford, 3; Killingly, 1; Middletown (city), 1; New Haven, 8; Norwalk (city), 2; Southbury, 2; Stamford (city), 1; Thompson, 2; Waterbury (city), 2; Willimantic (city), 2; Winsted (borough), 1.—Total, 30 in 13 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 13; Bridgewater, 1; Chaplin, 2; Danielson (borough), 1; Guilford, 1; Hartford, 20; Huntington, 1; Killingly, 2; Madison, 1; Manchester, 2; Middletown, 1; Naugatuck, 3; New Milford, 1; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 1; Plainfield, 2; Roxbury, 1; Somers, 1; South Norwalk (city), 2; Stamford (city), 9; Stratford, 1; Thomaston, 1; Waterbury (city), 16; Willimantic (city), 5; Woodstock, 1.—Total 92, in 24 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Brookfield, Brooklyn, Canaan, Canterbury, Chatham, Chester, Clinton, Colebrook, Columbia, Coventry, Cromwell, Durham, Eastford, East Haddam, East Haven, East Lyme, Easton, East Windsor, Franklin, Goshen, Griswold, Hartland, Harwinton, Hebron, Jewett City (borough), Kent, Killingworth, Ledyard, Lisbon, Marlborough,

Meriden, Middlebury, Monroe, New Fairfield, New Hartford, Newington, Newtown, Norfolk, North Branford, Norwich, Old Lyme, Old Saybrook, Oxford, Plainville, Pomfret, Portland, Prospect, Redding, Ridgefield, Rocky Hill, Salem, Salisbury, Saybrook, Scotland, Sherman, South Windsor, Stafford, Stamford, Sterling, Trumbull, Union, Voluntown, Wallingford, Warren, Washington, Waterford, West Haven (borough), Weston, Wethersfield, Wilton, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodbury.—Total, 83.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Litchfield, Windham and Tolland Counties have reported, but the Health Officer of the following Town has not reported:

MIDDLESEX Co.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Simsbury, 1.

Scarlet Fever.—Glastonbury, 1.

**La Grippe.**—Canterbury, 1; Griswold, 1; Lisbon, 1; Montville, 1; Norfolk, 1; Plymouth, 1; Roxbury, 1; Scotland, 1; Seymour, 1; Sharon, 1; Somers, 1; Stafford, 1; Washington, 1; Westport, 1; Windsor, 1; Woodbury, 1; Woodstock, 3.—Total, 19.

**Diphtheria and Croup.**—Fairfield, 1; Haddam, 1; Westport, 1.

**Whooping Cough.**—Litchfield, 1.

**Typhoid Fever.**—Ellington, 1; Weston, 1.

**Consumption.**—Berlin, 1; Chaplin, 1; Colchester, 1; Cromwell, 1; East Windsor, 1; Franklin, 1; Guilford, 1; Hebron, 1; Killingworth, 1; Litchfield, 1; New Canaan, 1; Plainville, 1; Plymouth, 2; Preston, 1; Ridgefield, 1; Somers, 1; Sprague, 1; Stratford, 2; Suffield, 1; Thomaston, 1; Trumbull, 1; Woodstock, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	13	22	5	..
release.....	26	20	..	..
Tuberculosis.....	21	85	..	106
Typhoid Fever.....	7	23	2	..
Rabies.....	4	..	..	32
Malaria.....	2	3	1	..

Total specimens examined..... 234

Samples of milk..... 98

" " oysters..... 8

" " water analyzed..... 28

" " illuminating oil tested..... 4

## DAIRY INSPECTION.

Health officers who have unsanitary dairies or cattle stables to deal with in their towns, will be interested in the following law, enacted by the last General Assembly:

"The dairy commissioner shall make an examination and examination of the premises of any farm or dairy, or of any place where cattle, dairy stock, or other domestic animals are kept, within this state, where any unsanitary condition affecting the products of such farm or dairy exists or is reported or suspected to exist. When any such condition shall be found by said dairy commissioner he shall notify the owner or occupant of the premises upon which said condition exists to remove or abate the same, at the expense of such owner or occupant, within such time as the dairy commissioner shall direct; and if such owner or occupant shall neglect to remove or abate such condition within said time so prescribed, he shall be fined not more than twenty-five dollars and shall pay such expense and costs as shall be incurred in such removal or abatement. The dairy commissioner is authorized and empowered to employ such assistants as shall be necessary to enforce the provisions of this act, and said commissioner and assistants shall have free access, at all reasonable hours, to all such premises and places for the purpose of making the examination and investigation provided by this act. Every person refusing such access shall be fined not more than seven dollars, or imprisoned not more than thirty days, or both."

In compliance with this act, the Dairy Commissioner, Mr. John B. Noble, will be ready to investigate any unsanitary conditions on dairy farms that may be reported to him by the Health Officers.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1908.

\* Two delayed certificates for January, and three for February, have been received since the publication of the last Bulletin.

+ Case contracted in another town and brought to Hospital.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	30	13	22	.34	Cloudy	0.7	30.10; highest 30.60;	date 10
2	35	25	30	.31	Cloudy	0.1	29.43; .....	date 15
3	37	27	32	T	Cloudy	T		
4	33	21	27	0	Clear	0.0		
5	32	19	25	0	Partly Cloudy	0.0		
6	33	20	26	.25	Cloudy	1.5		
7	43	30	36	.15	Cloudy	0.0		
8	44	29	36	.09	Cloudy	0.0		
9	40	22	31	0	Cloudy	0.0		
10	31	16	24	0	Clear	0.0		
11	54	25	40	0	Partly Cloudy	0.0		
12	56	40	48	0	Clear	0.0		
13	54	32	43	0	Partly Cloudy	0.0		
14	57	39	48	0	Clear	0.0		
15	57	38	48	.20	Cloudy	0.0		
16	48	26	37	.01	Partly Cloudy	T		
17	32	22	27	.03	Cloudy	0.2		
18	34	26	30	.59	Cloudy	0.1		
19	46	31	38	.51	Partly Cloudy	0.0		
20	34	26	30	0	Cloudy	0.0		
21	41	20	30	0	Clear	0.0		
22	47	29	38	0	Partly Cloudy	0.0		
23	53	40	46	.26	Cloudy	0.0		
24	58	39	48	T	Partly Cloudy	0.0		
25	39	27	33	0	Clear	0.0		
26	60	34	46	0	Partly Cloudy	0.0		
27	74	44	60	0	Partly Cloudy	0.0		
28	63	40	52	.01	Cloudy	0.0		
29	56	35	46	.31	Cloudy	0.0		
30	47	32	40	0	Clear	0.0		
31	48	37	42	T	Cloudy	0.0		
Mean	45.7	29.1	37.4	3.06				

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 30.10; highest ..... 30.60; date 10  
Lowest ..... 29.43; ..... date 15

### TEMPERATURE.

Highest ..... 75°; date 27; lowest ..... 13°; date 1  
Greatest daily range ..... 31°; ..... date 27  
Least daily range ..... 8°; ..... date 20

### MEAN FOR THIS MONTH IN

1905 .... 36° 1906 .... 31° 1907 .... 38° 1908 .... 37°  
Mean of this month for 4 years ..... 36  
Absolute maximum for this month for 4 years ..... 80  
Absolute minimum for this month for 4 years ..... 7  
Average daily excess of this month as compared with mean of  
4 years ..... 1.7

### PRECIPITATION.

Total this month ..... 3.06  
Snowfall ..... 2.6  
Greatest precipitation in 24 hours 1.10, date ..... 18, 19  
Snow on the ground at end of month ..... 0

### TOTAL PRECIPITATION THIS MONTH IN

1905 .... 3.35 1906 .... 6.02 1907 .... 1.33 1908 .... 3.06  
Average of this month for 4 years ..... 3.19  
Deficiency (—) of this month as compared with average of 4 years 0.13

### WIND.

Prevailing direction ..... N W  
Total movement ..... 5,360 miles  
Average hourly velocity ..... 7.2  
Maximum velocity (for five minutes) 36 miles per hour,  
from S W on 26th.

### WEATHER.

Number of clear days ..... 7  
Partly cloudy ..... 9  
Cloudy ..... 15  
On which .01 inch, or more, of precipitation occurred ..... 13

### MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... 27, 29  
Halos, solar ..... 1, 22, 26  
Halos, lunar ..... 10  
Hail ..... None  
Sleet ..... 1, 2, 18  
Fog ..... 28  
Thunderstorms ..... 15, 19  
\*Frosts: light, ..... ; heavy, ..... ; killing, .....

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

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## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1908, and a Statement of the Births and Marriages for the Month of March, 1908.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia.	14,320	15	1	1	11	0.8	3	27.6	---	---	---	---	---	---	---	---	---	---	---	---	5	1	---	---	---	---	---	9
Branford.	6,560	11	4	1	12	0.8	1	17.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bridgeport.	86,490	230	13	40	118	0.6	25	22.8	---	---	---	---	2	1	1	1	---	---	---	---	15	16	3	11	2	3	58	
Bristol.	11,425	30	6	7	38	0.6	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury.	19,475	41	3	7	38	0.6	3	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby.	7,770	20	3	2	17	0.7	3	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford.	6,350	22	3	6	11	0.8	3	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield.	13,600	17	1	8	15	0.5	5	40.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich.	6,258	13	2	8	17	0.6	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton.	6,258	13	2	8	17	0.6	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden.	5,116	8	1	3	12	0.8	1	18.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford.	98,490	207	15	39	129	0.6	20	5.3	4	2	3	1	---	---	---	---	---	---	---	---	15	15	1	13	19	6	49	
Huntington.	6,608	14	4	6	10	0.8	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly.	6,700	14	1	14	19	0.7	2	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester.	12,266	31	2	1	12	0.7	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden.	30,990	66	5	6	45	0.7	8	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden.	30,990	66	5	6	45	0.7	8	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown.	19,080	44	2	6	35	0.4	1	5.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck.	13,567	29	2	4	35	0.5	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain.	34,638	93	5	20	35	0.7	8	34.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven.	123,420	328	16	65	181	0.6	27	22.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New London.	20,200	42	3	9	26	0.5	2	11.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford.	5,424	11	1	3	3	0.6	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk.	21,461	22	12	14	33	0.7	2	12.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich.	25,750	66	1	14	37	0.6	6	18.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange.	8,715	10	1	3	9	0.5	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Punam.	7,933	17	1	7	9	0.5	3	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington.	6,162	20	2	1	5	0.7	3	18.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford.	21,036	76	4	20	27	0.6	3	31.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington.	9,490	17	5	5	19	0.4	3	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson.	7,045	12	7	11	11	0.9	8	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington.	16,940	51	2	6	18	0.7	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon.	8,260	14	3	6	8	0.7	1	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallington.	10,690	34	4	14	15	0.7	1	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury.	63,700	183	7	22	74	0.7	20	5.3	4	1	1	1	1	2	2	2	2	2	2	2	3	1	4	6	4	35		
Winchester.	8,570	11	5	5	5	0.4	1	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham.	10,210	20	7	18	21	0.3	3	72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 36 above towns.	784,219	1929	95	336	1022	15.6	170	23.6	10	7	18	7	15	5	4	6	2	---	---	---	---	---	---	---	---	---	---	
131 towns of less than 5,000 inhabitants	236,931	416	23	59	302	15.3	31	13.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total reported from 168 towns.	1,021,150	2345	118	395	1324	15.5	201	21.2	13	8	28	9	17	7	4	6	2	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 10; in Danbury, 5; in Greenwich, 3; in Hartford, 48; in Meriden, 5; in Middletown, 17; in New Britain, 4; in New Haven, 51; in New London, 5; in Norwich, 5; in Stamford, 5; in Waterbury, 5; in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Barkhamsted, Bozrah, Bridgegewater, Burlington, Chaplin, Colebrook, Columbia, Cornwall, Eastford, East Haven, Easton, Killingworth, Middlebury, Middletown, New Fairfield, Newton, Oxford, Pomfret, Salem, Scotland, Sherman, Simsbury, South Windsor, Union, Warren, Wolcott, Wood-bridge.—Total, 20.

# REMARKS.

By mortality reports received there were 1,324 deaths during the month of April. This was 132 less than in March, and 96 less than in April of last year, and 36 less than the average number of deaths during April for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,696	1,340	1,412	1,440	1,420
February,	*1,515	1,519	1,235	1,368	1,387	1,303
March,	*1,456	1,572	1,489	1,577	1,525	1,421
April,	1,324	1,420	1,430	1,329	1,377	1,245
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144

The death rate was 15.6 for the large towns, for the small towns, 15.3, and for the whole state, 15.5. The deaths reported from infectious diseases were 247, being 18.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Avon, 4; Bloomfield, 6; Bridgeport, 2; Burlington, 10; Canton, "still continues"; Cheshire, 1; Columbia, 1; Darien, 14; Derby, 3; East Hartford, 4; Glastonbury, 5; Goshen, 1; Greenwich, 41; Groton (town), 4; Groton (borough), 1; Hartford, 120; Litchfield (town and borough), 10+; Manchester, 1; Milford, 3; Naugatuck, 8; New Haven, 8; New London, 2; North Canaan, 1; Norwalk (city), 2; Oxford, 3; Portland, 4; Ridgefield, 11; Rockville (city), 10; Rocky Hill, 4; Scotland, 2; Sharon, 1; Shelton (borough), 1; Simsbury, 10; Sprague, 5; Stonington, 4; Suffield, 20; Tolland, 7; Vernon, 2; Wallingford (borough), 1; Waterbury, 30; Watertown, 20+; West Hartford, 14; Westport, 10; Wethersfield, 20; Willimantic (city), 3; Wilton, 1; Winsted (borough), 2.—Total, 437+ in 47 towns.

**Scarlet Fever.**—Berlin, 2; Bethel (town and borough), 3; Bridgeport, 6; Brookfield, 2; Danbury (city), 1; Danielson (borough), 1; Darien, 1; East Hartford, 3; Ellington, 2; Greenwich, 6; Groton (borough), 3; Haddam, 1; Hamden, 1; Hartford, 23; Lisbon, 1; Manchester, 6; Meriden (city), 7; Middletown (city), 1; Naugatuck, 1; New Britain, 2; New Canaan (town and borough), 2; New Hartford, 2; New Haven, 27; New London, 20; Norfolk, 1; North Haven, 1; Norwalk (city), 4; Old Saybrook, 1; Redding, 3; Seymour, 1; Simsbury, 3; South Norwalk (city), 3; South Windsor, 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 5; Stamford (town), 1; Stonington (town), 1; Stonington (borough), 5; Thomaston, 11; Tolland, 2; Torrington (borough), 7; Waterbury, 12; Watertown, 8; West Haven (borough), 1; Westport, 4; Wilton, 1; Winchester, 2; Winsted (borough), 3.—Total, 208 in 49 towns.

**Cerebro Spinal Fever.**—New Haven, 2.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 1; Bethel, 1; Branford (town and borough), 3; Bridgeport, 8; Derby, 1; Enfield, 2; Farmington, 2; Glastonbury, 1; Greenwich, 5; Haddam, 1; Hartford, 9; Manchester, 1; Mansfield, 3; Meriden (city), 2; Meriden (town), 3; Middletown (city), 1; Middletown (town), 1; Naugatuck, 1; New Britain, 4; New Haven, 17; New Milford, 1; Norwich (city), 1; Norwalk (city), 1; Norwalk (town), 3; Putnam, 1; Rockville (city), 1; Seymour, 1; Shelton (borough), 1; Simsbury, 1; South Norwalk (city), 3; Stamford (city), 1; Stamford (town), 1; Stonington (town), 3; Stonington (borough), 2; Wallingford (borough), 2; Waterbury, 10; West Haven (borough), 1.—Total, 102 in 38 towns.

**Whooping Cough.**—Coventry, 17; Greenwich, 1; Litchfield (town and borough), 5+; Norwalk, 2; Southington, 1; Stamford (city), 6; Thomaston, 1; Waterbury, 3; Watertown, 2.—Total, 38+ in 9 towns.

**Typhoid Fever.**—Bridgeport, 3; Groton (borough), 1; Hartford, 3; Hebron, 1; New Haven, 6; New London, 2; Norwalk (city), 5; Norwalk (town), 2; Saybrook, 1; Washington, 1; Waterbury, 2.—Total, 27 in 11 towns.

**Consumption.**—Ansonia, 2; Branford (town and borough), 3; Bridgeport, 6; Brookfield, 2; Brooklyn, 1; Colchester, 1; Danielson (borough), 1; Darien, 1; Derby, 1; Eastford, 1; East Haddam, 1; Essex, 1; Hartford, 14; Manchester, 2; Milford, 1; Norwich (city), 4; Norwalk (city), 1; Norwalk (town), 1; Plainfield, 1; Saybrook, 1; Shelton (borough), 1; Simsbury, 1; Somers, 1; South Norwalk (city), 3; Stratford, 1; Waterbury, 13; Wethersfield, 1; Willimantic (city), 5.—Total, 72 in 28 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Canaan, Canterbury, Chaplin, Chatham, Chester, Clinton, Colebrook, Cornwall, Cronwell, Danbury, Durham, East Granby, East Haven, East Lyme, Easton, East Windsor, Fairfield, Franklin, Granby, Griswold, Guilford, Hampton, Hartland, Harwinton, Huntington, Jewett City (borough), Kent, Killingly, Killingworth, Lebanon, Ledyard, Lyme, Madison, Marlborough, Middlebury, Monroe, Montville, Morris, New Fairfield, Newington, North Branford, North Stonington, Norwich, Old Lyme, Orange, Plainville, Plymouth, Pom-

fret, Preston, Prospect, Ridgefield (borough), Roxbury, Salem, Salisbury, Sherman, Southbury, Sterling, Thompson, Torrington, Trumbull, Union, Voluntown, Wallingford, Warren, Waterford, Westbrook; Weston, Willington, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 84.

All the Health Officers of New Haven, New London, Litchfield, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Bristol.  
FAIRFIELD Co.—Newtown.  
MIDDLESEX Co.—Middlefield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Sprague, 1; Tolland, 1; Watertown, 1.—Total, 3.

**Scarlet Fever.**—Redding, 1.

**La Grippe.**—East Windsor, 1; Glastonbury, 1; Granby, 1; Harwinton, 1; Milford, 1; Seymour, 1; Wethersfield, 1; Windsor, 1; Windsor Locks, 1; Woodstock, 1.—Total, 10.

**Cerebro Spinal Fever.**—Old Saybrook, 1; Salisbury, 1.

**Diphtheria and Croup.**—Mansfield, 1; Sprague, 1.

**Whooping Cough.**—Thomaston, 1; Trumbull, 1.

**Consumption.**—Bethel, 1; Brooklyn, 1; Canton, 1; Cheshire, 1; Durham, 1; Franklin, 1; Haddam, 1; Hartland, 1; Lisbon, 1; Milford, 2; Montville, 1; New Canaan, 1; Newtown, 1; North Stonington, 1; Plymouth, 1; Portland, 2; Preston, 1; Redding, 1; Roxbury, 2; Salisbury, 1; Seymour, 1; Somers, 1; Stratford, 1; Westport, 2; Wethersfield, 1; Willington, 1; Wilton, 2; Windsor Locks, 1.—Total, 33.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	10	24	3	..
release.....	11	16	..	..
Tuberculosis.....	20	62	..	..
Typhoid Fever.....	4	11	2	..
Rabies.....	1	..	..	..
Malaria.....	1	2	1	..

Total specimens examined.....	167
Samples of milk.....	149
"    oysters.....	7
"    water analyzed.....	26
"    illuminating oil tested.....	4

## LABORATORY NOTICES.

In order to increase the facility with which physicians in the State may obtain diagnoses of certain infectious diseases, the Laboratory is now prepared to place directly in the hands of the physicians the outfits for sending specimens of tuberculosis, typhoid fever and malaria. These outfits have hitherto been obtained through the health officers only, but any physician hereafter who desires to have them sent directly to him may do so by applying to Prof. Conn, the Director of the Laboratory. It is hoped that this greater convenience will increase the frequency with which the opportunities of the Laboratory will be used, especially in the case of tuberculosis. The outfits for diphtheria are of a perishable nature, and cannot thus be placed in the hands of all physicians.

The Laboratory would be very glad to make arrangements for putting outfits in drug stores in localities where this may be more convenient for the physicians than to have them in the hands of the health officer only.

The question has been raised whether the diagnoses made in the Laboratory are modified by the clinical symptoms asked for on the cards accompanying the specimens. In answer to this it may be stated that the diagnosis is made without looking at the clinical symptoms and is verified by a second observer, in most cases before a report is sent. In no case is this report modified by the clinical symptoms. The clinical symptoms are asked for in order that the information to be kept on file in the Laboratory may be as complete as possible.

Mr. George C. Ham, Sanitary Inspector of the Board, will begin soon his annual tour of inspection of the Summer Resorts of the State. This inspection as formerly will be made in each town in company with the health officer.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 15, 1908.

\* One delayed certificate for February, and sixteen for March have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	50	33	42	0	Clear	0.0	29.92	30.54
2	55	33	44	.17	Partly Cloudy	T	29.43	
3	35	26	30	T	Partly Cloudy	T		
4	32	22	27	T	Clear	T		
5	47	25	36	.11	Partly Cloudy	T		
6	62	36	49	.02	Clear	T		
7	70	45	58	0	Clear	0.0		
8	50	38	44	.72	Cloudy	0.0		
9	48	35	42	.34	Clear	0.0		
10	53	33	43	.02	Cloudy	0.0		
11	62	40	51	T	Cloudy	T		
12	47	36	42	0	Clear	0.0		
13	53	35	44	0	Cloudy	0.0		
14	56	32	44	0	Clear	0.0		
15	57	37	47	.15	Cloudy	0.0		
16	49	30	40	0	Clear	0.0		
17	51	25	38	0	Partly Cloudy	0.0		
18	55	35	45	.07	Cloudy	0.0		
19	56	42	49	.08	Cloudy	0.0		
20	44	34	39	.11	Cloudy	T		
21	46	28	37	T	Partly Cloudy	T		
22	62	38	50	0	Partly Cloudy	0.0		
23	85	56	70	0	Partly Cloudy	0.0		
24	71	50	60	0	Clear	0.0		
25	65	45	55	T	Cloudy	0.0		
26	83	56	70	0	Clear	0.0		
27	78	54	66	T	Partly Cloudy	0.0		
28	74	55	64	.02	Partly Cloudy	0.0		
29	67	52	60	0	Partly Cloudy	0.0		
30	71	48	60	.55	Partly Cloudy	0.0		
Mean	57.8	38.5	48.2	2.36				

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1908, and a Statement of the Births and Marriages for the Month of April, 1908.

Total estimated population of the State, 1,021,150.

TOWNS.																														
	Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths from 1 to 5 years.	Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Paraperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia	14,320	36	2	11	13	8.0	5	1	49.1														2			1	1			
Brantford	6,500	18			4	7.2			50.0					1																
Bridgeport	86,490	180	8	55	118	15.9	24	8	27.1		2				1	2					4	2	11	6	3	2	4	9	70	3
Bristol	11,225	20	1	4	11	11.7	2		18.1																					
Danbury	10,475	31	4	22	26	16.0	3	1	15.3		1				1							1		3	2	3	7	1	5	
Darby	9,300	31	2	2	8	10.3	1	2	37.5																					
East Hartford	7,770	18	1	4	5	7.7																								
Enfield	6,350	24		8	15	1.1	3		62.5				1																	
Greenwich	13,600	20		9	24	21.1	2	3	20.8		2						1							2		3	2	4	9	5
Groton	6,258	14	1	4	8	15.3	1		12.5																					
Hamden	5,146	16	2	1	6	13.9	1	1	33.3																					
Hartford	98,490	195	7	58	102	10.8	21	9	29.4		2			1	3	1					3		8	14	1	6	10	8	45	2
Huntington	6,668	12	1	3	8	14.3	2	1	37.5																					
Killingly	6,700	10	4	4	5	14.3	1	1	25.0																					
Manchester	12,266	23		8	9	8.8	1		11.1		1		2																	
Meriden	30,990	61	1	16	31	11.6	3	3	19.3		1																			
Middletown	19,080	44	2	5	44	13.7	2	3	11.3																					
Naugatuck	13,567	30			9	7.9	5		66.6																					
New Britain	34,638	96	5	11	31	10.7	13	3	51.6																					
New Haven	123,420	262	2	63	157	14.3	24	12	22.9					1	1	3					2	2	18	19	7	18	18	11	57	16
New London	20,200	36	4	25	32	16.0	5	3	25.0		1																			
New Milford	5,424	14		1	1	2.2																								
Norwalk	21,401	40		13	30	16.7	5	5	33.3					2																
Norwich	25,750	56	3	15	30	13.0	7	3	33.3																					
Orange	8,715	13		4	4	5.5			25.0																					
Punam	7,933	9	1	4	3	4.5			33.3																					
Southington	6,162	14			3	11.6	3		50.0																					
Stamford	21,036	74	3	20	30	15.9	7	1	26.6		1																			
Stonington	9,490	13	1	2	13	16.4	4		7.6																					
Thompson	7,045	11		1	9	15.3	4		44.4																					
Torrington	16,040	41	1	7	17	12.0	6	1	41.1																					
Vernon	8,260	14		7	11	15.9	2		18.1																					
Wallingford	10,690	15	1	2	13	14.5	4	4	61.5		3																			
Waterbury	63,700	179	7	31	89	16.5	15	10	28.0					1		2														
Winchester	8,870	23		4	14	14.8	2	1	21.1																					
Windham	10,210	30		5	9	10.5	2		22.2																					
Total of the 36 above towns	784,219	1717	64	434	941	14.3	179	81	27.6		8	11	3	7	7	11	1	10	2	1	14	6	85	88	30	95	91	62	409	
128 towns of less than 5,000 inhabitants	232,180	394	18	87	259	13.4	31	10	15.8		2	1	2								3	3	19	19	4	43	38	22	99	
Total reported from 164 towns	1,016,399	2111	82	521	1200	14.1	210	91	25.0		10	12	5	7	8	12	2	11	2	1	17	9	104	107	34	138	129	84	508	
Population of towns not reporting	4,751																													

The Mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 1; in Greenwich, 2; in Hartford, 37; in Meriden, 4; in Middletown, 26; in New Britain, 1; in New Haven, 43; in New London, 6; in Norwalk, 2; in Norwich, 8; in Stamford, 4; in Waterbury, 5; in Winchester, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the rates of those towns.

The following towns are larger than any of the above in the number of deaths in May: Avon, Barkhamsted, Bethelhem, Bolton, Bozrah, Brookfield, Brooklyn, Canaan, Chaplin, Chester, Colebrook, Columbia, Danbury, East Granby, Franklin, Goshen, Hampton, Hebron, Killingworth, Lisbon, Lyme, Morris, New Fairfield, Norfolk, Old Saybrook, Plainville, Rocky Hill, Roxbury, Scotland, Sharon, Sherman, Sterling, Union, Voluntown, Warren.—Total, 37.

The Registrars of the following towns have made no report for May: Canterbury, Hardland, Kent, South Windsor.—Total, 4.

# REMARKS.

By mortality reports received there were 1,200 deaths during the month of May. This was 126 less than in April, and 129 less than in May of last year, and 103 less than the average number of deaths during May for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,696	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
April,	*1,326	1,420	1,430	1,329	1,377	1,245
May,	1,200	1,329	1,404	1,199	1,317	1,265

Total first quarter, 4,530 4,787 4,064 4,357 4,352 4,144

The death rate was 14.3 for the large towns, for the small towns, 13.4, and for the whole State, 14.1. The deaths reported from infectious diseases were 172, being 14.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Norfolk, 1.

**Measles.**—Ansonia, 25; Bridgeport, 1; Bristol, 2; Brooklyn, 2; Cornwall, 2; Darien, 2; East Hartford, 10; Ellington, 4; Fairfield, 2; Glastonbury, 13; Goshen, 3+; Greenwich, 10; Groton (town), 2; Groton (borough), 1; Haddam, 2; Hartford, 85; Jewett City (borough), 1; Kent, 1; Lisbon, 1; Litchfield (town and borough), 10+; Manchester, 1; Meriden (city), 2; Middletown, 1; Naugatuck, 1; New Canaan (town and borough), 3; New Fairfield, 1; New Haven, 19; New London (city), 2; Newtown, 1; North Branford, 3; Norwalk (city), 2; Norwich (city), 1; Norwich (town), 5; Plainville, 1; Plainville, 1; Ridgefield (town) 1; Ridgefield (borough) 1; Rockville (city), 20+; Salisbury, "epidemic"; Sharon, 1; Simsbury, 5; Somers, 1; South Norwalk (city), 1; South Windsor, 1; Stafford Springs (borough), 2; Stamford (city), 2; Stonington, 1; Suffield, 3; Thompson, 15; Wallingford (borough), 8; Waterbury (city), 42; West Hartford, 20; Wethersfield, 20; Willimantic (city), 1; Wilton, 2; Winchester, 5; Winsted (borough), 1.—Total, 405+ in 52 towns.

**Scarlet Fever.**—Andover, 1; Bethel (town and borough), 2; Bloomfield, 1; Branford, 1; Bridgeport, 16; Brookfield, 2; Burlington, 2; Danbury (city) 3; Darien, 1; East Hartford, 5; Groton (town), 1; Groton (borough), 1; Haddam, 2; Hamden, 2; Hartford, 34; Huntington, 1; Madison, 1; Manchester, 2; Meriden (city), 5; Middletown, 2; Monroe, 2; New Britain, 3; New Canaan (town and borough), 4; New Haven, 8; New London (city), 8; North Haven, 1; Norwalk (city), 3; Norwalk (town), 2; Shelton (borough), 1; South Norwalk (city), 1; South Windsor, 1; Stafford Springs (borough), 10; Stamford (city), 2; Stamford (town), 1; Sterling, 1; Stonington (borough), 1; Tolland, 1; Torrington (borough), 6; Trumbull, 1; Waterbury (city), 11; Watertown, 1; Windsor, 2.—Total, 156 in 39 towns.

**Cerebro Spinal Fever.**—Branford, 1; New Haven, 1; Waterbury (city), 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 1; Avon, 1; Berlin, 4; Branford (town and borough), 3; Bridgeport, 9; Colchester, 1; Greenwich, 1; Griswold, 1; Hamden, 1; Hartford, 18; Killingly, 1; Middletown, 2; Milford, 1; New Britain, 5; New Canaan, 1; New Haven, 14; Norwalk (city), 2; Plainville, 2; Stamford (city), 1; Torrington (borough), 2; Wallingford (borough), 1; Waterbury (city), 3.—Total, 75 in 22 towns.

**Whooping Cough.**—Coventry, 12; East Haven, 5; Granby, 1; Hartford, 3; Middletown (city), 10; New London (city), 1; Norwalk (city), 1; Plainville, 20+; Stamford (city), 1; Stratford, 6; Waterbury (city), 1; Woodstock, 12.—Total, 73+ in 12 towns.

**Typhoid Fever.**—Ansonia, 2; Bridgeport, 1; Bristol, 3; Cheshire, 1; Derby, 2; Greenwich, 1; Hamden, 1; Hartford, 13; New Haven, 10; Norwalk (city), 1; South Norwalk (city), 1; Stamford (city), 2; Waterbury (city), 2; West Haven (borough), 1.—Total, 41 in 13 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 7; Brookfield, 1; Brooklyn, 2; Chester, 1; Darien, 2; Guilford, 1; Haddam, 1; Hartford, 14; Manchester, 2; Naugatuck, 1; New Haven, 9; Norwich (city), 2; Plainfield, 1; Portland, 1; Seymour, 1; Southington, 1; South Windsor, 1; Washington, 1; Waterbury (city), 16; Willimantic (city), 12.—Total, 68 in 21 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Ashford, Barkhamsted, Beacon Falls, Bethany, Bethelchem, Bozrah, Bridgewater, Canaan, Canterbury, Canton, Chaplin, Chatham, Clinton, Colebrook, Columbia, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, East Lyme, Easton, East Windsor, Enfield, Essex, Farmington, Franklin, Hampton, Hartland, Harwinton, Hebron, Killingworth, Lebanon, Lyme, Mansfield, Marlborough, Meriden, Middlebury, Middlefield, Montville, Morris, New Hartford, New-

ington, New Milford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Orange, Oxford, Plymouth, Pomfret, Preston, Prospect, Redding, Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Sherman, Southbury, Sprague, Stafford, Thomaston, Torrington, Union, Vernon, Voluntown, Wallingford, Warren, Waterford, Westbrook, Weston, Westport, Willington, Windham, Windsor Locks, Wolcott, Woodbridge, Woodbury.—Total, 82.

All the Health Officers of Hartford, New Haven, Fairfield, Litchfield and Middlesex Counties have reported, but the Health Officers of the following Towns have not reported:

NEW LONDON Co.—Ledyard.

WINDHAM Co.—Putnam.

TOLLAND Co.—Bolton.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Plainfield, 1; West Hartford, 1.

**Scarlet Fever.**—Salisbury, 1.

**La Grippe.**—Newtown, 1; Wethersfield, 1.

**Diphtheria and Croup.**—Haddam, 1.

**Whooping Cough.**—Watertown, 1.

**Typhoid Fever.**—Cheshire, 1.

**Consumption.**—Andover, 1; Berlin, 1; Colchester, 1; East Windsor, 1; Granby, 2; Guilford, 1; Haddam, 1; Harwinton, 1; Litchfield, 1; Madison, 1; New Canaan, 1; Portland, 1; Preston, 1; Washington, 1; Windsor, 1; Woodbridge, 1; Woodbury, 1; Woodstock, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	12	19	1	..	32
release.....	18	13	..	..	31
Tuberculosis.....	40	61	..	..	101
Typhoid Fever.....	4	20	1	..	25
Rabies.....	..	..	..	..	..
Malaria.....	1	3	1	..	5
Malta Fever.....	..	..	1	..	1
Total specimens examined.....					195
Samples of milk.....					165
"    "    oysters.....					2
"    "    water analyzed.....					27
"    "    illuminating oil tested.....					5

## TIMELY SUGGESTIONS.

We have had occasion frequently to comment in the columns of this bulletin on the cause and prevention of typhoid fever, and so long as this disease continues to be a living issue among us, we shall continue to do so. Water, milk, oysters and flies have at different times been spoken of as a means of spreading this disease. It is a significant fact that typhoid is most prevalent at the season of the year when flies are the most numerous. These insects breed by preference in stable manure, but when this is not readily accessible, will breed also in garbage and other filth. With cleaner streets, the better care of stables, back yards, markets, and cleaner garbage pails, the breeding places of flies will be limited and their agency in carrying the typhoid and other bacilli to the food of human beings will be less marked. Meanwhile the screening of our houses is not a luxury, but a necessity.

Our statistics show that the mortality from typhoid fever in this State is about 23 per cent. of the reported cases. As this death rate is about double that which is considered the usual rate in typhoid, it shows a carelessness on the part of physicians in reporting their cases, which is not creditable to the profession. Some allowance should of course be made for lack of well-defined symptoms in many cases, but the diagnosis can oftentimes be cleared up by a blood test, which will be made at the State Laboratory free of charge. The prompt reporting of typhoid will often enable the health officer to recognize early some common source of infection and enable him to detect the cause of the trouble. The physician should not only report his cases, but should remember also that he is the first barrier to the escape of the typhoid bacillus to the outside world and should see that disinfection is begun early in the sick room.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, June 15, 1908.

\* Two delayed certificates for April have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	60	44	52	.07	Partly Cloudy	32	29.94; highest 30.30; date 15	29.37; date 1
2	62	41	52	.06	Cloudy	53		
3	56	38	47	0	Partly Cloudy	35		
4	61	40	50	0	Clear	76		
5	65	42	54	0	Clear	86		
6	63	45	54	T	Partly Cloudy	31		
7	54	43	47	1.88	Cloudy	0		
8	53	42	48	.11	Cloudy	0		
9	60	46	53	.09	Cloudy	13		
10	55	44	50	T	Cloudy	24		
11	81	43	62	0	Partly Cloudy	60		
12	83	63	73	0	Partly Cloudy	43		
13	79	62	70	T	Partly Cloudy	63		
14	62	48	55	.15	Cloudy	0		
15	61	45	53	0	Cloudy	0		
16	70	50	60	0	Clear	73		
17	74	52	63	T	Partly Cloudy	48		
18	79	52	66	0	Clear	100		
19	73	50	62	0	Partly Cloudy	88		
20	72	55	64	.05	Cloudy	6		
21	72	60	66	.64	Cloudy	1		
22	74	62	68	.46	Cloudy	8		
23	76	61	68	T	Partly Cloudy	34		
24	85	63	74	0	Partly Cloudy	89		
25	80	57	68	0	Partly Cloudy	86		
26	81	56	68	.09	Partly Cloudy	50		
27	87	65	76	0	Clear	81		
28	75	57	66	0	Clear	100		
29	75	53	64	T	Partly Cloudy	36		
30	76	64	70	2.55	Cloudy	2		
31	83	62	72	.36	Clear	86		
Mean	70.5	51.8	61.1	6.52				

MEAN FOR THIS MONTH IN			
1905.....	59°	1906.....	59°
1907.....	53°	1908.....	61°
Mean of this month for 4 years.....	59		
Absolute maximum for this month for 4 years.....	89		
Absolute minimum for this month for 4 years.....	32		
Average daily excess of this month as compared with mean of 4 years.....	2.6		

PRECIPITATION.	
Total this month.....	6.52
Snowfall.....	0
Greatest precipitation in 24 hours 2.55, date.....	30
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN			
1905.....	1.25	1906.....	4.60
1907.....	3.35	1908.....	6.52
Average of this month for 4 years.....	3.93		
Excess(+) of this month as compared with average of 4 years.....	2.59		

WIND.	
Prevailing direction.....	S
Total movement.....	6,154 miles
Average hourly velocity.....	8.3
Maximum velocity (for five minutes) 29 miles per hour, from W on 1st.	

WEATHER.	
Number of clear days.....	7
Partly cloudy.....	13
Cloudy.....	11
On which .or inch, or more, of precipitation occurred.....	12

MISCELLANEOUS PHENOMENA (dates of).	
Auroras.....	10
Halos, solar.....	19
Halos, lunar.....	None
Hail.....	None
Sleet.....	None
Fog.....	None
Thunderstorms.....	26, 30
*Frosts: light..... None; heavy..... None; killing..... None	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1908, and a Statement of the Births and Marriages for the Month of May, 1908.

Total estimated population of the State, 1,021,150.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,320	31	3	13	8	6.7	5	---	62.5	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	2	---	1	---	3	
Brantford, .....	6,580	14	---	1	5	9.1	---	---	40.0	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1		
Bridgport, .....	86,490	201	13	60	120	14.9	35	10	35.0	---	---	---	---	---	1	---	---	---	---	---	---	10	1	5	3	4	12	17	11	49
Bristol, .....	11,225	29	3	13	13	13.8	3	---	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury, .....	19,475	43	---	18	30	17.8	4	---	86.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby, .....	9,300	24	1	11	10	10.3	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford, .....	7,770	14	3	6	9	9.2	---	---	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield, .....	6,350	19	1	12	8	15.1	5	---	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich, .....	13,000	28	12	17	13	13.2	4	1	29.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich, .....	6,258	18	2	10	19	11.1	3	---	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford, .....	5,440	9	---	5	11	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	2	---	---	---	---	---	---	6	12	7	10	10	10	10	39	
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217	7	58	98	9.8	12	9	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,498	217																												

# REMARKS.

By mortality reports received there were 1,135 deaths during the month of June. This was 68 less than in May and 90 less than in June of last year, and 76 less than the average number of deaths during June for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,606	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,203	1,329	1,404	1,199	1,317	1,265
June,	1,135	1,225	1,248	1,289	1,129	1,163
Total second quarter,	3,664	3,974	4,082	3,817	3,823	3,673

The death rate was 13.6 for the large towns, for the small towns, 12.8, and for the whole State, 13.4. The deaths reported from infectious diseases were 161, being 14.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 1; Bristol, 1; Chatham, 3; Danielson (borough), 20; Derby, 2; East Hartford, 3; East Windsor, 1; Ellington, 3; Fairfield, 1; Glastonbury, 1; Greenwich, 10; Haddam, 6; Hamden, 1; Hartford, 24; Harwinton, 5; Killingly, 20; Manchester, 2; Meriden (city), 5; Middletown (city), 5; Milford, 2; New Canaan, 1; New Haven, 6; New London, 1; Newtown, 2; Norwich, 3; Plainfield, 1; Pomfret, 1; Rockville (city), 10+; Sharon, 1; Simsbury, 7; Stamford (city), 13; Suffield, 3; Thompson, 1; Waterbury (city), 27; Waterford, 3; West Hartford, 16; Westport, 1; Wethersfield, 2; Windsor, 8; Windsor Locks, 5; Winsted (borough), 34.—Total, 309+ in 41 towns.

**Scarlet Fever.**—Andover, 2; Bridgeport, 17; Darien, 1; East Hartford, 3; Enfield, 2; Greenwich, 4; Hamden, 1; Hartford, 22; Meriden (city), 3; Naugatuck, 1; New Canaan, 1; New Haven, 5; New London, 6; Norwalk (city), 6; Norwalk (town), 7; Norwich (city), 1; Preston, 2; Salisbury, 1; South Windsor, 1; Stafford, 1; Stafford Springs (borough), 4; Stamford (city), 3; Stonington (town), 1; Stonington (borough), 1; Suffield, 1; Tolland, 3; Torrington (town), 1; Torrington (borough), 8; Waterbury (city), 8; Watertown, 1; West Haven (borough), 1; Willington, 2; Windsor, 1.—Total, 122 in 33 towns.

**Cerebro Spinal Fever.**—New London, 1; Waterbury (city), 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 41; Avon, 1; Bridgeport, 6; Bristol, 1; Clinton, 1; Colchester, 2; Derby, 2; Farmington, 1; Greenwich, 1; Hamden, 3; Hartford, 18; Huntington, 1; Lebanon, 1; Manchester, 1; Meriden (city), 1; Middletown (city), 2; Montville, 1; New Britain, 7; New Haven, 4; New London, 1; Norwalk (city), 3; Plymouth, 1; Portland, 1; Rockville (city), 1; Shelton (borough), 7; Southington, 2; South Norwalk (city), 1; South Windsor, 3; Stamford (city), 1; Suffield, 1; Torrington (borough), 6; Wallingford (borough), 2; Waterbury (city), 6; Willimantic (city), 2.—Total, 133 in 34 towns.

**Whooping Cough.**—East Haven, 4; Greenwich, 2; Guilford, 10; Hartford, 2; Madison, 4; Middletown (city), 1; Naugatuck, 8; New Haven, 5; New London, 1; Plainville, 5+; Plymouth, 3; Stamford (city), 1; Stratford, 19; Thomaston, 1; Waterbury (city), 5; Watertown, 2; Woodstock, 6.—Total, 79+ in 17 towns.

**Typhoid Fever.**—Bridgeport, 5; Bristol, 3; Columbia, 1; Darien, 2; Derby, 2; Hartford, 3; Norwalk, 1; Plymouth, 11; Somers, 1; South Norwalk (city), 1; Stamford (city), 1; Suffield, 1; Waterbury (city), 5; Winsted (borough), 1.—Total, 39 in 14 towns.

**Consumption.**—Beacon Falls, 1; Bridgeport, 1; Bridgewater, 1; Brooklyn, 1; Chatham, 2; Cheshire, 1; Chester, 2; Coventry, 1; East Haven, 1; Greenwich, 1; Guilford, 1; Hartford, 14; Killingly, 1; Manchester, 2; New Britain, 1; New Canaan, 1; New Haven, 7; New London, 1; Norwalk (city), 1; Norwich (city), 6; Plainfield, 2; Preston, 2; Roxbury, 1; Somers, 1; Thomaston, 2; Washington, 1; Waterbury (city), 14; Watertown, 1; Willimantic (city), 1; Windsor Locks, 1.—Total, 73 in 30 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Berlin, Bethany, Bethel (town and borough), Bethlehem, Bloomfield, Bozrah, Branford (town and borough), Burlington, Canaan, Canterbury, Canton, Chaplin, Colebrook, Cornwall, Cromwell, Danbury (city), Danbury (town), Eastford, East Granby, East Haddam, East Lyme, Easton, Essex, Franklin, Goshen, Groton (town), Groton (borough), Hampton, Hebron, Kent, Killingworth, Ledyard, Lisbon, Litchfield, Mansfield, Marlborough, Meriden (town), Middletown, Middlefield, Middletown, Monroe, Morris, New Fairfield, New Hartford, Newington, New Milford, Norfolk, North Branford, North Canaan, North Haven, North Stonington, Old Lyme, Old Saybrook, Orange, Prospect, Putnam (city), Putnam (town), Redding,

\* Three delayed certificates for May have been received since the publication of the last Bulletin.

Rocky Hill, Salem, Saybrook, Scotland, Seymour, Sherman, Southbury, Sprague, Stamford, Sterling, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Westbrook, Weston, Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 82.

All the Health Officers of New Haven, Windham and Litchfield Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Granby, Hartland.  
NEW LONDON Co.—Griswold, Jewett City (borough), Lyme.  
FAIRFIELD Co.—Brookfield, Ridgefield.  
MIDDLESEX Co.—Durham.  
TOLLAND Co.—Bolton.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Watertown, 1.  
**Scarlet Fever.**—Andover, 1.  
**La Grippe.**—Brooklyn, 1; Milford, 1; Westport, 1.  
**Cerebro Spinal Fever.**—Oxford, 1.  
**Whooping Cough.**—Granby, 1; Trumbull, 1.  
**Typhoid Fever.**—Plymouth, 1.  
**Consumption.**—Beacon Falls, 1; Brooklyn, 1; Cheshire, 1; Colchester, 2; Eastford, 1; East Haddam, 1; Guilford, 1; Lisbon, 1; Litchfield, 1; Lyme, 1; New Canaan, 1; North Branford, 1; Plymouth, 1; Preston, 1; Roxbury, 1; Salisbury, 2; Seymour, 2; Somers, 1; Sprague, 1; Stafford, 1; Stratford, 1; Waterford, 1; Watertown, 1.—Total, 26.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	36	25	3	64
release.....	19	38	..	57
Tuberculosis.....	31	81	1	113
Typhoid Fever.....	9	23	2	34
Rabies.....	..	4	Specimens bad,	6
Malaria.....	1	6	..	7
Total specimens examined.....				281
Samples of milk analyzed.....				83
" " water.....				38
" " illuminating oil tested.....				4

## VITAL STATISTICS.

In the July number of McClure's Magazine there is an interesting article showing the methods employed in different places of gathering vital statistics. These statistics are the foundation of sanitary science and mark the progress of preventive medicine. In compiling, death rates are always given as so many per thousand of population, but in order to show a low death rate and advertise the healthfulness of certain climates and surroundings, it is a common practice to largely overestimate the population, and then to count out many of the deaths, those of non-residents, those due to accident or violence, and to count all deaths of infants under to days as stillbirths. In this manner a very low death rate is obtained which is used in comparison, to the disadvantage of places employing more honest and accurate methods of computation. It is evident that a death is a death whether it be that of an infant or due to accident, and if non-residents are to be counted out, all residents dying in other places should be counted in. In the United States there are only fifteen states, mostly in the East, which have a complete system of registration of vital statistics, such as meets the approval of the Census Bureau and called by them, Registration States. Connecticut is one of these and in our enumeration we count all deaths, the only exception being that the deaths of non-residents in some of the public institutions are not included in the deaths of the towns, but are included in making up the rate for the whole State. The actual population of a place is known only by the census enumeration. For the years intervening between two census years, estimates of population have to be made. We employ the method recommended and used by the Census Bureau, which consists in taking the increase from 1890 to 1900 as shown by the census returns and adding one-tenth of the amount for each year after 1900. This is a very conservative method of estimating population, and with the large immigration into the State during the past few years no doubt gives a result less than it should be and which is more apparent as the decade draws to a close, but it seems preferable to the other methods; consequently our death rate, 17.1 per thousand for 1907, is perhaps a little higher than it should be, although it is about the same as of other Registration States that employ methods of computation similar to our own.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, July 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.	Lowest.
1	72	55	64	0	Partly Cloudy	37	30.04	30.41
2	74	50	62	0	Clear	99		
3	72	45	58	0	Clear	87		
4	81	54	68	0	Partly Cloudy	62		
5	74	56	65	0	Partly Cloudy	75		
6	76	47	62	0	Clear	100		
7	83	51	67	0	Clear	87		
8	83	58	73	0	Clear	83		
9	83	62	72	0	Clear	86		
10	84	61	72	0	Partly Cloudy	60		
11	77	57	67	0	Cloudy	36		
12	77	58	63	0	Clear	93		
13	83	54	68	0	Clear	100		
14	85	60	72	0	Partly Cloudy	63		
15	78	58	68	.18	Cloudy	11		
16	70	56	63	.36	Partly Cloudy	64		
17	76	51	64	0	Partly Cloudy	75		
18	75	52	64	0	Clear	81		
19	84	55	70	0	Clear	80		
20	90	66	78	0	Partly Cloudy	82		
21	90	69	80	0	Partly Cloudy	82		
22	89	65	77	0	Partly Cloudy	71		
23	80	62	71	1.08	Cloudy	22		
24	90	66	78	.78	Partly Cloudy	44		
25	81	66	74	0	Partly Cloudy	59		
26	79	59	69	0	Clear	84		
27	85	55	70	0	Clear	95		
28	85	63	74	0	Partly Cloudy	51		
29	83	66	74	.01	Cloudy	30		
30	85	65	75	.01	Partly Cloudy	62		
31								
Mean	81.0	58.1	69.6	2.42				

MEAN FOR THIS MONTH IN			
1905....	66°	1906....	68°
1907....	65°	1908....	70°
Mean of this month for 4 years.....	67.2		
Absolute maximum for this month for 4 years.....	90		
Absolute minimum for this month for 4 years.....	40		
Average daily excess of this month as compared with mean of 4 years.....	2.4		

PRECIPITATION.	
Total this month.....	2.42
Snowfall.....	0
Greatest precipitation in 24 hours 1.08, date.....	23
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN			
1905....	4.85	1906....	2.19
1907....	3.44	1908....	2.42
Average of this month for 4 years.....	3.22		
Deficiency (—) of this month as compared with average of 4 years 0.80			

WIND.	
Prevailing direction.....	S
Total movement.....	4,987 miles
Average hourly velocity.....	6.9
Maximum velocity (for five minutes) 27 miles per hour, from S on 15th.	

WEATHER.	
Number of clear days.....	12
Partly cloudy.....	14
Cloudy.....	4
On which .01 inch, or more, of precipitation occurred.....	6

MISCELLANEOUS PHENOMENA (dates of).	
Auroras.....	None
Halos, solar.....	None
Halos, lunar.....	None
Hail.....	None
Sleet.....	None
Fog.....	None
Thunderstorms.....	23, 24
*Frosts: light.....	None
heavy.....	None
killling.....	None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1908, and a Statement of the Births and Marriages for the Month of June, 1908.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representative Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 1 year to total mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	14,550	37	2	16	28	23.0	15	4	69.8											15	1					1	10			
Branford, .....	6,700	18	1	2	9	16.1	2	22.2																				3		
Bridgeport, .....	88,700	108	5	100	147	19.2	89	12	59.3				3		2					38	4	16	7		2	5	63			
Bristol, .....	11,450	31		12	16	16.7	8	50.0												6					1	1	5			
Danbury, .....	19,475	36		22	35	20.3	8	31.4												5	2	3			5	4	14			
Derby, .....	9,500	29	1	19	11	13.8	8	72.7												1	4		1		1	1	1			
East Hartford, .....	7,966	13	1	1	7	10.5	1	28.5												1	5		1		1	2	2			
Enfield, .....	6,300	20		11	8	15.2	4	50.0												3					1	4	1			
Fairfield, .....	5,000	6			9	21.6	5	66.6												1	9				1	5	1			
Greenwich, .....	13,800	24		24	29	24.3	6	37.9												1	1				2	3	3			
Groton, .....	6,300	15		4	13	24.7	2	23.0																	2	2	3			
Hamden, .....	5,220	12		1	6	13.7	4	66.6																	1	1	3			
Hartford, .....	101,150	177	4	113	137	13.6	45	6	37.2				1	1			3			20	5	10	5		17	8	10			
Huntington, .....	6,830	11		7	11	10.3	6	63.6												3	1				1	2	2			
Killingly, .....	6,082	13	1	8	3	5.3																								
Manchester, .....	12,504	34	1	14	12	11.4	3	25.0												3	1					1	1	2		
Meriden, .....	34,315	59	4	27	39	14.5	13	35.8												7					6	3	6			
Middletown, .....	19,310	47	2	19	49	23.6	16	36.7												10	2	4	1		4	8	3	8		
Naugatuck, .....	14,000	33	1	12	11	9.4	6	54.5																		1	2	8		
New Britain, .....	35,500	109	3	59	45	15.1	13	9	18.8											15	4	1	2		4	3	3	11		
New Haven, .....	125,620	283	15	139	184	17.1	65	6	38.5								4			39	10	11	12		19	13	14	60		
New London, .....	20,580	47		16	25	13.9	3	24.0												2		2				2	4	5	10	
New Milford, .....	5,513	10		5	2	4.3	1	50.0																			1	1		
Norwalk, .....	21,680	39	1	20	31	16.0	8	25.8												5						2	3	16		
Norwich, .....	25,910	45	6	35	36	16.6	8	22.2												2						1	2	10		
Orange, .....	8,960	11	2	15	14	15.7	3	28.5					1							3						3	6	10		
Plainfield, .....	5,010	9		4	5	11.9	1	40.0												3						1	1	5		
Plymouth, .....	8,016	15	2	6	8	10.4	1	12.5					1							1						2	3	16		
Southington, .....	6,200	18	2	3	6	11.6	2	33.3												1						2	3	10		
Stamford, .....	21,350	67	5	32	47	25.2	15	12	57.4											8						3	2	4	15	
Stonington, .....	9,630	15	1	5	8	9.9	2	56.0			2									1						3	2	4	2	
Thompson, .....	7,130	7			6	10.0	1	33.3												3							2	6	2	
Torrington, .....	17,530	33	1	20	15	10.2	5	46.6												3							2	6	6	
Vernon, .....	8,230	14	1	15	9	13.1	3	39.0												2							1	3	8	
Wallingford, .....	10,935	27		5	20	21.9	4	33.3												2							1	3	8	
Waterbury, .....	65,490	169	2	53	122	22.1	47	19	54.0											33						1	3	7	49	
Wethersfield, .....	9,030	18	1	11	11	14.6	1	9.0																		1	1	4	4	
Windsor, .....	10,220	25		11	32	35.2	16	53.1												10						1	2	1	12	
Windham, .....	809,396	1774	66	873	1206	17.8	413	96	42.2				6	5	11	2	17	1		261	38	89	48			6	92	84	83	455
Total of the 38 above towns, .....	219,607	328	19	195	281	15.3	58	15	25.9				1	1	3	---	1	2	1	38	10	13	3			4	36	26	23	118
121 towns of less than 5,000 inhabitants	1,029,063	2102	85	1068	1487	17.3	471	111	39.1				7	5	14	2	18	3	1	299	48	102	51			10	128	110	106	573
Total reported from 159 towns, .....	9,177																													
Population of towns not reporting, .....																														

The Mortality in Public Institutions of the State was: in Bridgeport, 27; in Danbury, 4; in Greenwich, 4; in Hartford, 62; in Meriden, 5; in Middletown, 14; in New Britain, 2; in New Haven, 41; in New London, 16; in Norwich, 6; in Plainfield, 2; in Stamford, 5; in Waterbury, 11; in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the deaths of the above towns.

The following towns are reported as having no deaths in July: Andover, Bethlehem, Bolton, Chaplin, Kent, Killingworth, Ledyard, Marlborough, Middlebury, New Fairfield, Prospect, Salem, Scotland, Tolland, Weston, Wilton, Wolcott.—Total, 17.

The Registrars of the following towns have made no report for July: Beacon Falls, Brookfield, Columbia, Cornwall, Franklin, Hampton, Hartland, South Windsor, Trumbull.—Total, 9.

# REMARKS.

By mortality reports received there were 1,487 deaths during the month of July. This was 346 more than in June and 31 less than in July of last year, and 19 less than the average number of deaths during July for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,606	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	*1,203	1,329	1,404	1,199	1,317	1,265
June,	*1,141	1,225	1,248	1,289	1,129	1,163
Total second quarter,	3,675	3,974	4,082	3,817	3,823	3,673
July,	1,487	1,518	1,537	1,650	1,409	1,414

The death rate was 17.8 for the large towns, for the small towns 15.3, and for the whole State, 17.3. The deaths reported from infectious diseases were 158, being 10.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bethel, 1; Bolton, 1; Branford, 1; Bridgeport, 3; Canaan, 3; Coventry, 3; Danielson (borough), 1; Derby, 1; East Lyme, 1; East Windsor, 1; Glastonbury, 1; Granby, 1; Hartford, 2; Harwinton, 4; Manchester, 1; Middletown (city), 1; New Fairfield, 1; New Haven, 2; Newtown, 3; Norwalk (city), 2; Ridgefield, 5; Salisbury, 2; Stamford (city), 34; Trumbull, 4; Waterbury (city), 22; Westport, 2; Wilton, 1; Windsor Locks, "several."—Total, 104 + in 28 towns.

**Scarlet Fever.**—Bridgeport, 2; Danbury (city), 1; East Hartford, 2; Greenwich, 3; Hartford, 21; Madison, 1; Meriden (city), 2; Naugatuck, 1; New Haven, 3; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Sherman, 4; Stafford Springs (borough), 1; Stamford (city), 10; Waterbury (city), 2; Watertown, 2; Willington, 2.—Total, 61 in 18 towns.

**Cerebro Spinal Fever.**—New Haven, 1; Putnam, 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Berlin, 1; Bridgeport, 6; Bristol, 1; Danbury, 1; Darien, 2; Fairfield, 3; Greenwich, 2; Hartford, 12; Meriden (city), 2; Middletown (city), 1; Montville, 1; New Britain, 5; New Haven, 4; Norwalk, 1; Norwich (city), 1; Portland, 1; Ridgefield, 2; South Norwalk (city), 1; South Windsor, 3; Stamford (city), 4; Wallingford (town), 1; Wallingford (borough), 1; Waterbury (city), 1; Willimantic (city), 2; Winsted (borough), 1.—Total, 60 in 25 towns.

**Whooping Cough.**—Fairfield, 3+; Greenwich, 4; Madison, 2; Milford, 5; Naugatuck, 12+; Newtown, 2; Stratford, 7; Waterbury (city), 2.—Total, 37+ in 8 towns.

**Typhoid Fever.**—Ansonia, 6; Branford, 1; Bridgeport, 2; Bristol, 2; Canaan, 1; Danbury (city), 13; Danbury (town), 1; Darien, 1; East Hartford, 3; East Windsor, 1; Enfield, 1; Essex, 1; Groton (town), 4; Groton (borough), 1; Hamden, 1; Hartford, 14; Huntington, 1; Middlefield, 2; Middletown (city), 2; Middletown (town), 1; Morris, 1; Naugatuck, 2; New Haven, 19; New London, 1; Newtown, 1; North Branford, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Salisbury, 1; Shelton (borough), 1; Southbury, 1; Southington, 1; Stamford (city), 1; Stonington, 1; Suffield, 1; Thomaston, 1; Washington, 1; Waterbury (city), 11; West Haven (borough), 1; Willimantic (city), 2; Windsor, 1; Winsted (borough), 2.—Total, 113 in 38 towns.

**Consumption.**—Ansonia, 1; Branford (town and borough), 3; Bridgeport, 11; Brookfield, 2; Coventry, 1; Danielson (borough), 1; East Haven, 1; Guilford, 2; Hartford, 32; Harwinton, 1; Litchfield, 1; Manchester, 7; Middletown (city), 2; Milford, 1; Naugatuck, 1; New Britain, 6; New Haven, 14; New London, 1; Newtown, 1; Norwich (city), 5; Plainfield, 1; Sherman, 1; Southington, 1; Stamford (city), 2; Thomaston, 2; Waterbury (city), 14; Willimantic (city), 5.—Total, 120 in 27 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bozrah, Bridgewater, Brooklyn, Burlington, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colchester (town and borough), Colebrook, Columbia, Cornwall, Cromwell, Durham, Eastford, East Granby, East Haddam, Easton, Ellington, Farmington, Franklin, Goshen, Griswold, Haddam, Hampton, Hartland, Hebron, Jewett City (borough), Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Meriden, Middlebury, Monroe, New Canaan (town and borough), New Hartford, Newington, New Milford, Norfolk, North Canaan, North Haven, North Stonington, Norwich, Old Lyme, Old Saybrook, Orange, Oxford,

\* Five delayed certificates for May and six for June have been received since the publication of the last Bulletin.

Plainville, Plymouth, Pomfret, Preston, Prospect, Redding, Ridgefield (borough), Rockville (city), Rocky Hill, Roxbury, Salem, Saybrook, Scotland, Seymour, Sharon, Simsbury, Somers, Sprague, Stafford, Stamford, Sterling, Stonington (borough), Thompson, Tolland, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, West Hartford, Weston, Wethersfield, Winchester, Windham, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 102.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

WINDHAM Co.—Canterbury.

LITCHFIELD Co.—Torrington (town and borough).

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles,—Windsor Locks, 1.

La Grippe.—Salisbury, 1.

Cerebro Spinal Fever.—Glastonbury, 1.

Whooping Cough.—Coventry, 1; Plainville, 1; Watertown, 1.

Typhoid Fever.—Ridgefield, 1.

Consumption.—Berlin, 1; Chatham, 1; East Haven, 1; Guilford, 1; Haddam, 1; Newtown, 1; Oxford, 1; Sherman, 1; Sprague, 1; Voluntown, 1; Westport, 2; Willington, 1.—Total, 13.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	3	9	2	1	15
release.....	1	13	..	..	14
Tuberculosis.....	35	61	..	..	96
Typhoid Fever.....	20	27	2	..	49
Rabies.....	..	2	..	..	2
Malaria.....	8	11	..	..	19
Total specimens examined.....					105
Samples of milk analyzed.....					148
"    "    water.....					69
"    "    illuminating oil tested.....					4

## INTERNATIONAL CONGRESS ON TUBERCULOSIS.

The International Congress on Tuberculosis meets in Washington, September 21—October 12 inclusive, and should be of much interest to the people of Connecticut, both from the prevalence of tuberculosis in this State and from the successful work now being done here to control the disease. If this Congress is to equal the last one held in Paris in 1905, it is necessary to have 10,000 members. This membership has been apportioned among the various States according to population and Connecticut's quota is 180 members. Colorado, which has a smaller population than we, says that they will be ashamed if they do not turn in 1,000 members, and the Health Officers of Texas are to charter a special vestibule train to take them to the Congress. Connecticut as yet has only one-third her quota of members. Is it not time for us to wake up? This Congress will have members and exhibits from all over the world, and will be both interesting and instructive to those who can attend, and where attendance is impossible, the published transactions, which will contain all the up to date matter on tuberculosis, will be well worth the cost of membership.

The State Committee on Organization urges the people to join the Congress whether they can attend or not, so that we can make a creditable showing for the State, and we ought to largely exceed our quota. The membership fee is five dollars, and in joining one does not obligate himself to any further subscription, as each Congress has an organization and membership of its own, meeting once in three years in different parts of the world. Membership is not limited to physicians, but men and women in all walks of life are desired as members. Some of the most effective anti-tuberculosis work has been done by those outside the medical profession.

Any one desiring to join the Congress can send the membership fee to the undersigned, who is chairman of the State Committee on Organization, and he will see that they are promptly enrolled.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, August 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean.....	30.05; highest.....	30.26; date 21
1	84	60	72	0	Partly Cloudy	55	Lowest.....	29.69; .....	date 18
2	87	68	78	T	Cloudy	26	TEMPERATURE.		
3	86	66	76	1.40	Cloudy	26	Highest.....	96°; date 12; lowest.....	54°; date 17
4	84	69	76	.31	Cloudy	20	Greatest daily range.....	30°; .....	date 11
5	88	72	80	0	Partly Cloudy	34	Least daily range.....	7°; .....	date 25
6	91	71	81	0	Clear	84	MEAN FOR THIS MONTH IN		
7	94	72	83	T	Partly Cloudy	50	1905.....	73°	1906.....
8	76	60	68	T	Partly Cloudy	60	1907.....	73°	1908.....
9	81	55	68	0	Clear	85	Mean of this month for 4 years.....	73	
10	82	58	70	0	Cloudy	37	Absolute maximum for this month for 4 years.....	96	
11	86	56	71	0	Clear	100	Absolute minimum for this month for 4 years.....	51	
12	96	69	82	0	Partly Cloudy	45	Average daily excess of this month as compared with mean of		
13	89	68	78	0	Partly Cloudy	77	4 years .....	1.4	
14	83	67	75	.51	Cloudy	9	PRECIPITATION.		
15	78	62	70	0	Partly Cloudy	57	Total this month .....	5.74	
16	76	58	67	0	Clear	100	Snowfall .....	0	
17	79	54	66	.04	Partly Cloudy	58	Greatest precipitation in 24 hours 1.55, date.....	24; 25	
18	90	66	78	.97	Partly Cloudy	42	Snow on the ground at end of month .....	0	
19	89	69	79	.43	Partly Cloudy	63	TOTAL PRECIPITATION THIS MONTH IN		
20	84	66	75	0	Clear	88	1905.....	2.71	1906.....
21	79	63	71	.27	Partly Cloudy	30	1907.....	1.86	1908.....
22	85	61	73	.19	Cloudy	25	Average of this month for 4 years.....	3.85	
23	90	72	81	.07	Cloudy	56	Excess (+) of this month as compared with average of 4 years .....	1.89	
24	81	71	76	.02	Cloudy	25	WIND.		
25	71	64	68	1.53	Cloudy	0	Prevailing direction .....	S	
26	82	61	72	0	Partly Cloudy	64	Total movement .....	2,950 miles	
27	86	63	74	0	Partly Cloudy	74	Average hourly velocity.....	6.7	
28	86	65	76	0	Partly Cloudy	64	Maximum velocity (for five minutes) 36 miles per hour,		
29	82	65	74	0	Partly Cloudy	54	from NW on 18th.		
30	85	64	74	0	Clear	86	WEATHER.		
31	88	67	78	0	Partly Cloudy	83	Number of clear days .....	6	
Mean	84.5	64.6	74.6	5.74			Partly cloudy .....	16	
							Cloudy .....	9	
							On which .01 inch, or more, of precipitation occurred .....	11	
							MISCELLANEOUS PHENOMENA (dates of).		
							Auroras .....	15	
							Halos, solar .....	None	
							Halos, lunar .....	None	
							Hail .....	None	
							Sleet .....	None	
							Fog .....	None	
							Thunderstorms .....	2, 3, 4, 12, 14, 18, 19, 21, 23, 24, 25	
							*Frosts: light.....		
							heavy.....		
							killing.....		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1908, and a Statement of the Births and Marriages for the Month of July, 1908.

Total estimated population of the State, 1,938,240.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia,-----	14,550	39	4	8	24	19.7	9	2	33.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	1	2	-----	-----	-----	-----	2	11	
Branford,-----	6,700	20	-----	3	9	16.1	3	2	55.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	23	3	10	6	-----	-----	-----	-----	5	
Bridgeport,-----	88,700	228	8	40	11	14.0	38	6	39.6	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	-----	-----	-----	-----	8	
Bristol,-----	11,450	35	-----	-----	6	16.7	0	2	75.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	4	3	-----	-----	-----	-----	1	4	
Danbury,-----	19,475	37	5	12	39	23.4	9	1	25.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	4	3	-----	-----	-----	-----	-----	12	
Derby,-----	9,960	28	-----	-----	15	9.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	
East Hartford,-----	7,966	16	-----	-----	6	3.0	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	4	
East Haven,-----	6,300	28	1	12	18	34.2	10	1	61.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8	2	-----	-----	-----	-----	-----	-----	4	
Enfield,-----	5,000	6	-----	-----	7	16.8	2	1	42.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	-----	-----	-----	-----	-----	-----	5	
Fairfield,-----	13,800	35	2	10	28	24.3	11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	-----	-----	-----	-----	-----	-----	13	
Greenwich,-----	6,900	13	-----	-----	5	11.4	2	2	44.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	-----	-----	-----	-----	-----	-----	4	
Groton,-----	5,220	14	1	-----	5	11.4	2	2	33.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	4	
Hamden,-----	5,220	14	1	-----	5	11.4	2	2	33.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----	4	
Hartford,-----	101,150	207	5	54	112	11.9	32	5	40.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	13	5	11	4	-----	-----	-----	11	9
Hartford,-----	6,830	10	1	3	4	7.0	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	-----	-----	-----	-----	-----	-----	1	
Huntington,-----	6,682	17	-----	-----	10	17.9	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	-----	-----	-----	-----	-----	-----	2	
Killingly,-----	12,594	21	1	4	9	8.6	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	
Manchester,-----	31,315	65	-----	-----	12	41.5	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	
Meriden,-----	19,310	32	1	13	28	11.8	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14	
Middletown,-----	14,000	30	1	5	11	9.4	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	
Naugatuck,-----	35,560	97	3	31	69	22.9	37	10	68.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	17	
New Britain,-----	125,620	307	13	87	151	13.5	38	7	29.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	72	
New Britain,-----	20,580	36	-----	-----	18	31.6	11	3	45.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14	
New Milford,-----	5,513	3	-----	-----	8	17.4	1	2	37.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5	
New Milford,-----	21,680	33	-----	-----	15	31.6	9	9	29.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	
Norwalk,-----	25,910	55	1	16	53	21.7	13	1	26.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18	
Norwich,-----	8,960	15	-----	-----	1	4.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	
Orange,-----	5,010	11	-----	-----	11	26.3	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	
Plainfield,-----	8,016	10	1	5	7	10.4	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	
Punam,-----	6,200	10	1	5	5	9.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	
Southington,-----	21,350	43	7	31	40	22.4	14	7	52.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	
Stamford,-----	9,630	19	2	8	12	14.9	6	2	66.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	
Stonington,-----	7,130	16	-----	-----	1	8.4	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Thompson,-----	17,580	38	5	10	24	16.3	15	1	66.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Torrington,-----	8,230	15	1	10	11	16.0	3	2	45.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10	
Vernon,-----	10,935	24	1	8	14	15.3	9	1	71.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	
Wallingford,-----	65,490	187	8	42	87	15.7	11	32	49.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	
Waterbury,-----	9,030	15	-----	-----	2	16.2	1	1	12.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Winchester,-----	10,220	20	1	5	18	21.1	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----						

The Mortality in Public Institutions of the State was: in Bridgeport, 27; in Danbury, 5; in Greenwich, 5; in Hartford, 46; in Meriden, 5; in Middletown, 11; in New Britain, 5; in New Haven, 51; in New London, 7; in Norwich, 10; in Waterbury, 8; in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Ashford, Avon, Beacon Falls, Bethany, Bethlehem, Bloomfield, Canterbury, Chaplin, Colebrook, Eastford, Goshen, Hartland, Harwinton, Lebanon, Ledyard, Marlborough, North Canaan, North Haven, North Stonington, Oxford, Prospect, Salem, Sherman, Warren.—Total, 24.

The Registrars of the following towns have made no report for August: Brookfield, Durlham, Easton, Essex, Kent, Morris, South Windsor, Woodbridge.—Total, 8.

# REMARKS.

By mortality reports received there were 1,400 deaths during the month of August. This was 96 less than in July and 361 less than in August of last year, and 119 less than the average number of deaths during August for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,696	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,208	1,329	1,404	1,199	1,317	1,265
June,	*1,145	1,225	1,248	1,289	1,129	1,163
Total second quarter,	3,679	3,974	4,082	3,817	3,823	3,673
July,	*1,496	1,518	1,537	1,650	1,409	1,414
August,	1,400	1,761	1,650	1,417	1,362	1,404

The death rate was 16.1 for the large towns, for the small towns 17.2, and for the whole State, 16.3. The deaths reported from infectious diseases were 171, being 12.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Greenwich, 1.

**Measles.**—Granby, 2; Middletown (city), 1; New Fairfield, 1; Norwalk, 1; Plymouth, 3; Ridgefield, 3; Stamford (city), 11; Stonington, 1; Waterbury, 1.—Total, 24 in 9 towns.

**Scarlet Fever.**—Branford, 1; Bridgeport, 1; Darien, 1; Derby, 1; Greenwich, 2; Hartford, 10; Litchfield, 1; Manchester, 3; New Haven, 2; Norwalk (city), 4; Norwich (city), 2; Orange, 1; Rocky Hill, 1; Stafford Springs (borough), 1; Stamford (city), 8; Stamford (town), 1; Torrington (borough), 2; Willington, 1.—Total, 43 in 18 towns.

**Cerebro Spinal Fever.**—Jewett City (borough), 2; Waterbury, 1; Willington, 1; Woodstock, 1.—Total, 5 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 1; Bethel, 1; Bridgeport, 3; Bristol, 1; Coventry, 1; East Hartford, 2; Greenwich, 1; Groton (town), 1; Groton (borough), 1; Hamden, 1; Hartford, 11; Huntington, 1; Middletown (city), 2; Middletown (town), 2; Montville, 2; Naugatuck, 1; New Hartford, 1; New Haven, 8; Pomfret, 1; Rockville (city), 1; Stafford Springs (borough), 2; Stamford (city), 4; Stamford (town), 1; Wallingford (town), 1; Wallingford (borough), 1; Waterbury, 9; West Haven (borough), 1.—Total, 62 in 24 towns.

**Whooping Cough.**—Bethel, "several"; Bristol, 2; Greenwich, 1; Hartford, 1; Rocky Hill, 1; Shelton (borough), 2; Woodbridge, 8.—Total, 15+ in 7 towns.

**Typhoid Fever.**—Andover, 1; Ansonia, 14; Barkhamsted, 2; Bridgeport, 1; Bristol, 3; Brooklyn, 1; Canton, 3; Chatham, 7; Cornwall, 1; Danbury (city), 1; Danbury (town), 1; Derby, 1; East Hartford, 4; East Haven, 1; Ellington, 1; Enfield, 1; Glastonbury, 1; Hartford, 39; Lebanon, 1; Madison, 1; Manchester, 8; Middlebury, 1; Middlefield, 4; Milford, 1; Montville, 1; New Canaan, 6; New Fairfield, 3; New Haven, 14; New London, 1; North Branford, 1; Norwalk (city), 7; Norwalk (town), 1; Norwich (city), 1; Norwich (town), 1; Plymouth, 3; Pomfret, 1; Putnam, 1; Redding, 1; Ridgefield, 1; Salisbury, 1; Seymour, 1; Sherman, 1; Southbury, 3; Stamford (city), 2; Thompson, 2; Trumbull, 2; Washington, 2; Waterbury, 20; Watertown, 1; West Haven (borough), 4; Westport, 1; Wethersfield, 3; Willimantic (city), 1; Windsor, 2.—Total, 226 in 51 towns.

**Consumption.**—Ansonia, 1; Berlin, 1; Bridgeport, 5; Bristol, 2; East Lyme, 1; Greenwich, 1; Hartford, 17; Manchester, 2; Middletown, 1; New Haven, 16; Norwalk (city), 1; Norwich (city), 1; Portland, 1; Putnam, 2; Shelton (borough), 1; Southington, 1; Washington, 1; Waterbury, 14; Willimantic (city), 3; Woodstock, 1.—Total 73 in 20 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Avon, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Chaplin, Cheshire, Chester, Clinton, Colebrook, Cromwell, Danielson (borough), Durham, Eastford, East Granby, East Haddam, Easton, East Windsor, Fairfield, Farmington, Franklin, Goshen, Griswold, Guilford, Haddam, Hampton, Hartland, Harwinton, Hebron, Kent, Killingly, Killingworth, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Meriden (city), Meriden (town), Monroe, Newington, New Milford, Newtown, Norfolk, North Canaan, North Haven, North Stonington, Old Lyme, Old Saybrook, Oxford, Plainfield, Plainville, Prospect, Ridgefield (borough),

Roxbury, Salem, Saybrook, Scotland, Sharon, Simsbury, Somers, South Norwalk (city), South Windsor, Stafford, Sterling, Stonington (borough), Stratford, Suffield, Thomaston, Torrington, Union, Vernon, Voluntown, Warren, Waterford, Westbrook, West Hartford, Weston, Wilton, Winchester, Windham, Windsor Locks, Winsted (borough), Wolcott.—Total, 90.

All the Health Officers of Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—New Britain (city and town).

NEW HAVEN Co.—Beacon Falls.

NEW LONDON Co.—Sprague.

LITCHFIELD Co.—Morris.

MIDDLESEX Co.—Essex.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Plymouth, 1.

**Cerebro Spinal Meningitis.**—Willington, 1.

**Diphtheria and Croup.**—Pomfret, 1.

**Whooping Cough.**—Bethel, 1; Milford, 1; Stratford, 1.

**Typhoid Fever.**—Lyme, 1; New Fairfield, 1; Stafford, 1; Windsor, 1.

**Consumption.**—Berlin, 1; Bozrah, 1; Bridgewater, 1; Cornwall, 1; Darien, 2; East Haddam, 1; East Windsor, 1; New Canaan, 1; Newtown, 1; Norfolk, 1; Portland, 1; Ridgefield, 1; Sterling, 1; Stratford, 1; Washington, 1; Waterford, 1; Westport, 1; Wethersfield, 1.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	9	16	..	..	25
release.....	2	8	..	..	10
Tuberculosis.....	21	59	..	..	80
Typhoid Fever.....	27	35	4	..	66
Rabies.....	1	4	..	..	5
Malaria.....	3	11	..	..	14
Total specimens examined.....					200
Samples of milk analyzed.....					149
"    "    water.....					56
"    "    illuminating oil tested.....					5

## INTERNATIONAL CONGRESS ON TUBERCULOSIS.

For the benefit of those expecting to attend this Congress, which is to be held in Washington, D. C., I would call attention to the fact that the exhibition opens September 21st and continues until October 12th, but the section meetings for the reading and discussion of papers will all be held during the week beginning on September 28th.

## INFANT MORTALITY.

During the month of August there were 166 less deaths from the diarrhoeal diseases of young children than during the corresponding month of last year, when there were 414 deaths from these diseases. This is a decrease of 40 per cent. The summer heat, which always increases these troubles, has been quite as severe this year if not more so than it was a year ago, so that the decrease cannot be attributed to that cause and we believe it is due in part to the improvement in the milk supply of the State. Last summer this Board was impressed by the high death rate among young children and believed it due largely to poor milk. It was decided to take up the examination of milk and to place our Laboratory at the disposal of Health Officers. A considerable number availed themselves of the privilege and the work has resulted in a number of the cities and towns adopting milk ordinances and appointing milk inspectors.

This with the work already being done in some of the large cities has undoubtedly made a great improvement in the milk supply and helped to improve the infant mortality. It is hoped that all cities and towns which have not yet taken up this matter will do so at once, as there is still much milk sold that is unfit for use. Those already engaged in improving the milk supply should feel encouraged to redouble their efforts for a still greater improvement.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, September 15, 1908.

\* Four delayed certificates for June and nine for July have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	75	65	70	0	Cloudy	3	30.03; highest 30.33; date 31	29.70; date 19
2	82	61	72	0	Clear	83	MEAN FOR THIS MONTH IN	
3	83	59	71	0	Partly Cloudy	75	1905.... 68°	1906.... 73°
4	84	64	74	T	Partly Cloudy	50	1907.... 69°	1908.... 69°
5	83	70	76	1.39	Cloudy	0	Mean of this month for 4 years.....	69.8
6	80	66	73	1.01	Cloudy	8	Absolute maximum for this month for 4 years.....	94
7	75	66	70	1.18	Cloudy	6	Absolute minimum for this month for 4 years.....	43
8	82	61	72	0	Clear	98	Average daily deficiency (—) of this month as compared with mean of 4 years.....	0.8
9	75	62	68	0	Cloudy	2	PRECIPITATION.	
10	84	62	73	0	Partly Cloudy	50	Total this month.....	6.74
11	83	64	74	.01	Cloudy	40	Snowfall.....	0
12	85	60	72	0	Partly Cloudy	57	Greatest precipitation in 24 hours 2.19, date.....	6.7
13	88	72	80	T	Partly Cloudy	45	Snow on the ground at end of month.....	0
14	88	73	80	0	Partly Cloudy	68	TOTAL PRECIPITATION THIS MONTH IN	
15	83	64	74	0	Partly Cloudy	65	1905.... 5.08	1906.... 2.65
16	82	57	70	0	Partly Cloudy	71	1907.... 1.03	1908.... 6.74
17	72	63	68	.62	Cloudy	0	Average of this month for 4 years.....	3.88
18	79	62	70	T	Clear	85	Excess (+) of this month as compared with average of 4 years...	2.86
19	82	55	68	0	Partly Cloudy	61	WIND.	
20	71	56	64	0	Clear	79	Prevailing direction.....	S
21	76	51	64	0	Clear	86	Total movement.....	4,506 miles
22	71	64	68	.70	Cloudy	0	Average hourly velocity.....	6.1
23	78	62	70	0	Partly Cloudy	62	Maximum velocity (for five minutes) 30 miles per hour, from SW on 5th.	
24	75	54	64	0	Partly Cloudy	54	WEATHER.	
25	74	48	61	.01	Cloudy	47	Number of clear days.....	9
26	62	53	58	1.79	Cloudy	0	Partly cloudy.....	11
27	66	52	59	.03	Cloudy	11	Cloudy.....	11
28	69	48	58	0	Clear	95	On which .01 inch, or more, of precipitation occurred.....	9
29	73	43	58	0	Clear	81	MISCELLANEOUS PHENOMENA (dates of).	
30	82	51	66	0	Clear	76	Auroras.....	None
31	84	59	71	0	Clear	79	Halos, solar.....	25
Mean	78.3	59.6	69.0	6.74			Halos, lunar.....	8
							Hail.....	None
							Sleet.....	None
							Fog.....	30
							Thunderstorms.....	4, 5, 6, 7, 11, 22
							*Frosts: light.....; heavy.....; killing.....	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER, 1908



# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1908, and a Statement of the Births and Marriages for the Month of August, 1908.*

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under total years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Periperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia,	14,550	39	8	11	11	9.0	5	72.7	---	---	---	---	---	---	---	---	---	---	---	---	4	1	---	---	---	---	---	---	---	---	
Braintree,	6,700	11	---	8	10.7	11	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	10	14	---	1	---	---	---	---	---	---	
Bridgeport,	88,700	224	9	29	98	12.7	33	7	24.5	---	---	---	---	2	1	---	---	---	---	---	2	3	---	---	---	3	1	11	52	1	
Bristol,	11,450	34	4	9	9.4	22.2	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	1	---	---	---	---	---	---	
Danbury,	19,475	38	2	8	20	11.7	3	20.0	---	---	---	---	---	---	---	---	---	---	---	---	2	2	---	---	---	---	---	---	---	---	
Derby,	9,500	35	---	12	9	11.3	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	---	---	---	---	
East Hartford,	7,966	10	---	5	7	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield,	6,300	21	---	5	13	24.7	5	61.5	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---	---	
Fairfield,	5,000	11	---	1	7	16.8	---	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich,	13,800	21	4	12	33	28.6	13	39.3	---	---	---	---	---	---	---	---	---	---	---	---	5	1	---	---	---	---	---	---	---	---	
Groton,	6,300	12	---	1	12	22.8	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	2	5	---	---	---	---	---	---	---	---	
Hartford,	101,150	217	9	75	103	10.4	17	6	22.3	---	---	---	---	---	2	1	---	---	---	---	4	1	---	---	---	---	---	---	---	---	
Hartford,	6,830	11	---	7	7	12.3	3	57.1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
Huntington,	6,082	8	2	4	11	9.7	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly,	12,504	26	2	14	14	13.4	5	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester,	31,315	63	2	7	35	13.0	12	4	45.7	---	---	---	---	---	---	---	---	---	---	---	7	---	---	---	---	---	---	---	---	---	
Meriden,	19,310	23	---	24	41	13.6	9	21.9	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	
Middletown,	14,000	29	1	12	5	4.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck,	35,560	79	4	26	55	18.5	28	10	69.0	---	---	---	---	---	---	---	---	---	---	---	6	---	---	---	---	---	---	---	---	---	
New Britain,	125,600	310	16	84	150	13.5	19	4	15.3	---	---	---	---	---	1	8	---	---	---	---	12	3	---	---	---	---	---	---	---	---	
New Haven,	20,586	44	1	15	30	17.4	7	2	30.0	---	---	---	---	---	---	---	---	---	---	---	6	---	---	---	---	---	---	---	---	---	
New London,	5,513	12	---	4	7	15.2	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford,	21,686	42	2	13	35	19.3	10	1	31.4	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---	---	
Norwalk,	25,910	62	3	17	30	11.5	9	2	36.6	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	
Norwich,	8,960	17	1	5	7	9.3	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange	5,010	16	---	4	4	9.5	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield,	8,016	13	---	5	11	16.4	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Puquab,	6,200	7	1	1	11	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington,	21,350	76	---	23	34	16.8	7	3	32.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford,	9,630	23	5	12	14.9	15	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington,	17,550	34	---	10	10	6.8	4	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson,	8,230	16	---	7	11	16.0	4	3	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington,	10,935	30	1	3	15	16.4	4	2	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon,	65,490	189	7	36	90	16.4	22	12	37.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford,	9,030	10	---	5	7	9.3	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury,	10,240	22	---	9	12	13.9	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester,	809,396	1850	70	547	981	14.5	253	68	32.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham,	224,157	335	10	94	252	13.4	45	11	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 38 above towns,	1,033,553	2235	80	619	1233	14.3	298	79	30.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
136 towns of less than 5,000 inhabitants	1,033,553	2235	80	619	1233	14.3	298	79	30.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 164 towns.	1,033,553	2235	80	619	1233	14.3	298	79	30.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting.	4,657	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 4; in Greenwich, 2; in Hartford, 6; in Middletown, 22; in New Britain, 6; in New Haven, 43; in New London, 2; in Norwich, 6; in Norwich, 6; in Stamford, 1; in Wallingford, 1; in Waterbury, 13; in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September : Andover, Avon, Beacon Falls, Bethany, Bolton, Borrh, Canterbury, Chaplin, Clinton, Columbia, Coventry, East Granby, Essex, Guilford, Hampton, Marlborough, Middlefield, Morris, Newington, Prospect, Redding, Rocky Hill, Salem, Sherman, Somers, South Windsor, Sterling, Trumbull, Union, Warren, Westbrook, Weston. — Total, 34

The Registrars of the following towns have made no report for September : Canaan, Cornwall, Simsbury, Wolcott. — Total, 4.

# REMARKS.

By mortality reports received there were 1,233 deaths during the month of September. This was 174 less than in August and 175 less than in September of last year, and 22 less than the average number of deaths during September for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,606	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,208	1,329	1,404	1,199	1,317	1,265
June,	1,145	1,225	1,245	1,289	1,129	1,163
Total second quarter,	3,679	3,974	4,082	3,817	3,823	3,673
July,	1,496	1,518	1,537	1,650	1,409	1,414
August,	*1,407	1,761	1,650	1,417	1,562	1,404
September,	1,233	1,408	1,342	1,196	1,169	1,160
Total third quarter,	4,136	4,687	4,529	4,263	3,940	3,978

The death rate was 14.5 for the large towns, for the small towns 13.4, and for the whole State 14.3. The deaths reported from infectious diseases were 151, being 12.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bethel, 1; Fairfield, 3; Harwinton, 1; Madison, 1; Manchester, 1; Middletown (city), 1; New Haven, 1; New London, 9; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Plymouth, 1; Stamford (city), 8; Thomaston, 2; Thompson, 1; Waterbury (city), 3.—Total, 36 in 15 towns.

**Scarlet Fever.**—Bridgeport, 5; Bristol, 1; Chester, 1; Enfield, 2; Hamden, 1; Hartford, 10; Meriden (city), 2; Meriden (town), 1; Middletown (city), 2; Montville, 1; New Haven, 4; New London, 1; Norfolk, 7; Norwalk (city), 5; Norwich (city), 1; Portland, 1; Roxbury, 1; Salisbury, 1; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 6; Stamford (town), 1; Waterbury (city), 7; Watertown, 1; West Hartford, 1; West Haven (borough), 2.—Total, 67 in 24 towns.

**Cerebro Spinal Fever.**—New Haven, 1.

**Diphtheria and Croup.**—Ansonia, 1; Bethel, 2; Bridgeport, 7; Bristol, 1; Canton, 1; Derby, 1; Fairfield, 1; Farmington, 1; Greenwich, 6; Hamden, 1; Hartford, 18; Manchester, 1; Meriden (city), 2; Middletown, 2; New Britain, 5; New Haven, 11; New London, 2; New Milford, 1; Norwalk (city), 2; Plymouth, 2; Portland, 1; Putnam (city and town), 1; Redding, 1; South Windsor, 3; Sprague, 4; Stamford (city), 1; Sterling, 2; Torrington (borough), 4; Wallingford (borough), 1; Waterbury (city), 14; Waterford, 1; Willimantic (city), 2.—Total, 103 in 32 towns.

**Whooping Cough.**—Cheshire, 1; Durham, 1; Enfield, 1; Groton, 2; New London, 3; Oxford, 3; Rockville (city), 1; Rocky Hill, 1; Westport, 10.—Total, 23+ in 9 towns.

**Typhoid Fever.**—Ansonia, 3; Barkhamsted, 2; Bethel, 2; Bethlehem, 1; Branford, 2; Bridgeport, 7; Bristol, 1; Brookfield, 1; Canton, 1; Chaplin, 1; Chester, 1; Cornwall, 1; Cromwell, 2; Easton, 6; Glastonbury, 3; Greenwich, 1; Groton (borough), 1; Guilford, 1; Hartford, 38; Huntington, 6; Madison, 1; Manchester, 4; Meriden (city), 3; Middletown, 4; Milford, 4; Naugatuck (borough), 1; New Britain, 10; New Canaan (town and borough), 4; New Fairfield, 2; New Haven, 36; New London, 1; Norwalk (city), 4; Norwalk (town), 2; Old Saybrook, 2; Orange, 3; Plainfield, 2; Plymouth, 4; Pomfret, 2; Putnam (city and town), 1; Redding, 1; Saybrook, 1; Seymour, 1; Shelton (borough), 1; Southbury, 3; Southington, 1; South Norwalk (city), 4; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 2; Thompson, 1; Tolland, 1; Torrington (town), 1; Torrington (borough), 2; Washington, 2; Waterbury (city), 10; Watertown, 4; West Haven (borough), 3; Wethersfield, 1; Willimantic (city), 3; Winchester, 1; Windham, 1; Windsor Locks, 1.—Total, 226 in 55 towns.

**Consumption.**—Berlin, 1; Bridgeport, 3; Bristol, 2; Burlington, 1; Derby, 1; East Haven, 1; Hamden, 1; Hartford, 25; Jewett City (borough), 1; Middletown (city), 1; Middletown (town), 1; Milford, 1; Naugatuck (borough), 2; New Britain, 6; New Haven, 31; New London, 2; Putnam (city and town), 3; Southington, 1; Waterbury (city), 13; Wethersfield, 2; Willimantic (city), 3; Windsor, 1.—Total, 103 in 21 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Bethany, Bolton, Bozrah, Bridgewater, Brooklyn, Canaan, Canterbury, Chatham, Clinton, Colchester (town), Colchester (borough), Colebrook, Columbia, Coventry, Danbury (city), Danbury (town), Danielson (borough), Darien, Eastford, East Granby, East Haddam, East Hartford, East Lyme, East Windsor, Ellington, Essex, Franklin, Goshen, Granby, Griswold,

\* Seven delayed certificates for August have been received since the publication of the last Bulletin.

Haddam, Hampton, Hartland, Hebron, Kent, Killingly, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town), Litchfield (borough), Lyme, Mansfield, Marlborough, Middlebury, Middlefield, Monroe, Morris, New Hartford, Newington, Newtown, North Branford, North Canaan, North Haven, North Stonington, Norwich, Old Lyme, Plainville, Preston, Prospect, Ridgefield (town), Ridgefield (borough), Salem, Scotland, Sharon, Sherman, Somers, Stonington (town), Stonington (borough), Stratford, Union, Vernon, Voluntown, Wallingford, Warren, Westbrook, Weston, Willington, Wilton, Wiasted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 84.

All the Health Officers of New Haven, New London, Windham, Litchfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Bloomfield, Simsbury, Suffield.

FAIRFIELD Co.—Trumbull.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Windsor Locks, 2.  
**Scarlet Fever.**—Griswold, 1.  
**La Grippe.**—Watertown, 1.  
**Diphtheria and Croup.**—Plymouth, 1; Portland, 1; Sprague, 1.—Total, 3.  
**Typhoid Fever.**—Glastonbury, 1; Washington, 1.  
**Consumption.**—Burlington, 1; Canton, 1; Easton, 1; Harwinton, 1; Plainville, 1; Plymouth, 1; Preston, 1; Salisbury, 2; Stratford, 1; Suffield, 1; Wethersfield, 2.—Total, 14.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Que.	No Growth.	
Diphtheria, diagnosis.....	13	10	4	..	27
release.....	3	3	..	..	6
Tuberculosis.....	28	56	..	..	84
Typhoid Fever.....	32	54	13	..	99
Rabies.....	1	2	..	..	3
Malaria.....	5	13	..	..	18
Total specimens examined.....					237
Samples of oysters examined.....					4
"    " milk analyzed.....					63
"    " water.....					56
"    " illuminating oil tested.....					4

The International Congress on Tuberculosis was a most remarkable gathering and all those in attendance must have felt well repaid for the trip to Washington. The exhibition was marvelous and showed the work being done all over the world in the crusade against tuberculosis by public and private associations in the way of sanatoria and hospitals for the treatment of this disease, and its prevention by improving tenement house and factory conditions and providing public playgrounds for the children. The Connecticut exhibit, while small compared with some of the other state exhibits, showed in concise form what we are doing here. Of the Connecticut exhibitors Mr. Gunshannon of Hartford received a medal and honorable mention for his exhibit of a plan for self-help among workmen. The Gaylord Farm Sanatorium received a medal for its exhibit of devices for home treatment after leaving the Sanatorium.

The sessions of the Congress were made up of seven sections which met daily at the same hour, and general sessions were held on the first and last days. The sectional meetings covered the various phases of the subject, including bacteriology, clinical study, social and economic aspects, tuberculosis in animals, etc. The results of the deliberations of the Congress, embodied in the resolutions passed at the closing session, were that the attention of State and central governments be called to the importance of proper laws for the notification of tuberculosis; that the most important source of the disease is the conveyance from man to man of the tuberculous infection; that the possibility of the propagation of bovine tuberculosis to man be recognized; the establishment of hospitals for the treatment of advanced cases was urged as well as sanatoria, dispensaries and day and night camps for the curable cases. Such legislation was endorsed as would provide for the regulation of factories and workshops, the abolition of premature and injurious labor of women and children and the obtaining of sanitary dwellings so as to increase the resisting power of the community to tuberculosis and other diseases.

Word has just been received that the entire exhibit of the Congress will be at once moved to New York, where it will be open for public inspection for a period of six weeks.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
 Superintendent of the Registration of Vital Statistics.

HARTFORD, October 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE.		
	Max.	Min.	Mean.				(Reduced to sea level; inches and hundredths.)		
1	80	56	68	0	Partly Cloudy	31	Mean	30.10;	highest 30.44; date 15
2	76	65	70	T	Cloudy	5	Lowest	29.77;	date 2
3	68	56	62	0	Partly Cloudy	63	<b>TEMPERATURE.</b>		
4	74	47	60	0	Partly Cloudy	70	Highest	88°;	date 10; lowest 40°; date 30
5	76	57	66	0	Partly Cloudy	42	Greatest daily range	35°;	date 9
6	64	60	62	.02	Cloudy	0	Least daily range	4°;	date 6
7	73	57	65	0	Partly Cloudy	93	<b>MEAN FOR THIS MONTH IN</b>		
8	74	48	61	0	Partly Cloudy	82	1905	63°	1906 66° 1907 64° 1908 65°
9	81	46	64	0	Clear	86	Mean of this month for 4 years	64	
10	88	59	74	0	Partly Cloudy	76	Absolute maximum for this month for 4 years	92	
11	87	64	76	0	Partly Cloudy	49	Absolute minimum for this month for 4 years	36	
12	78	63	70	0	Clear	67	Average daily excess (+) of this month as compared with mean of 4 years	0.9	
13	78	57	68	0	Clear	68	<b>PRECIPITATION.</b>		
14	72	52	62	0	Clear	84	Total this month	1.12	
15	67	47	57	0	Clear	100	Snowfall	0	
16	71	42	56	0	Partly Cloudy	73	Greatest precipitation in 24 hours	1.10, date 28, 29	
17	80	59	70	0	Partly Cloudy	81	Snow on the ground at end of month	0	
18	82	54	68	0	Partly Cloudy	67	<b>TOTAL PRECIPITATION THIS MONTH IN</b>		
19	78	55	66	0	Clear	63	1905	3.43	1906 3.57 1907 11.56 1908 1.12
20	71	45	58	0	Clear	100	Average of this month for 4 years	4.92	
21	70	50	60	0	Partly Cloudy	67	Deficiency (—) of this month as compared with average of 4 years	3.80	
22	76	54	65	0	Partly Cloudy	50	<b>WIND.</b>		
23	75	56	66	0	Cloudy	45	Prevailing direction	S	
24	80	61	70	0	Partly Cloudy	50	Total movement	4,345 miles	
25	80	62	71	T	Cloudy	67	Average hourly velocity	6.0	
26	76	64	70	T	Cloudy	38	Maximum velocity (for five minutes)	32 miles per hour, from S on 28th.	
27	80	62	71	0	Cloudy	67	<b>WEATHER.</b>		
28	78	63	70	.18	Cloudy	25	Number of clear days	8	
29	72	50	61	.92	Partly Cloudy	71	Partly cloudy	15	
30	66	40	53	0	Clear	92	Cloudy	7	
Mean	75.7	55.0	65.4	1.12			On which .or inch, or more, of precipitation occurred	3	
							<b>MISCELLANEOUS PHENOMENA (dates of).</b>		
							Auroras	29	
							Halos, solar	5	
							Halos, lunar	5, 10	
							Hail	None	
							Sleet	None	
							Fog	8, 9, 14, 17, 18, 23, 24, 25	
							Thunderstorms	29	
							*Frosts: light	16, 30; heavy	None; killing

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1908,  
and a Statement of the Births and Marriages for the Month of September, 1908.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representative An- nual Death Rate	Deaths under 1 year.	Percentage of Deaths under 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Parperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, -----	14,550	26	1	8	17 14.0	17 14.0	4	2 35.2												2			2	4	2	1	4		
Branford, -----	6,790	10			6 10.7	33.3	1	1 33.3													11	12	6	1	3	1	8	53	
Bridgeport, -----	88,700	243	7	10	99 13.2	25	8	2 42.1				2	1	2							11	12	6	1	3	1	8	53	
Bristol, -----	11,450	35	1	10	19 19.9	9	2	1 42.1													1	1	4	1	4	2	4	2	
Danbury, -----	19,475	35	3	10	19 11.7	15.7	2	2 15.7													1	1	2	3	2	4	2	2	
Derby, -----	9,500	21	3	4	3 3.7	66.6	2	2 66.6														1	2	1	1	1	1	1	
East Hartford, -----	7,966	11	2	8	9 13.5	1	1	2 66.6													5		2	2	2	2	2	2	
Enfield, -----	6,300	17		14	6 11.4	4	4	2 66.6													1			1	1	1	1	1	
Fairfield, -----	5,000	5	2	7	16.8	71.4	5	71.4													1		2	2	2	2	2	2	
Greenwich, -----	13,800	30	2	17	20 17.3	9	2	40.0													1		2	2	2	2	2	2	
Groton, -----	6,300	12		6	10 19.0	1	1	10.0													1		1	1	3	1	3	1	
Hamden, -----	5,220	10		3	4 9.1	1	1	25.0													2	2	2	2	2	2	2	2	
Hartford, -----	101,150	185	3	85	115 11.1	24	2	22.6					1	1							2	1	10	5	3	10	22	9	
Huntington, -----	6,830	12	2	3	6 10.5	3	3	50.0													2	2	2	2	2	4	1	1	
Killingly, -----	6,082	16	1	5	20 35.9	7	7	22.2																				1	
Manchester, -----	12,504	33		16	9 8.6	2	2	22.2																				1	
Meriden, -----	31,315	60	2	11	22 8.4	4	4	1 22.7																				1	
Middletown, -----	19,310	42	3	19	34 9.3	1	1	4 14.7													1		5	1	2	10	6	2	5
Nagatuck, -----	14,000	25	1	6	9 7.7	2	2	4 44.4													1		5	2	2	10	6	2	5
New Britain, -----	35,560	147	2	35	31 10.1	11	4	48.3													1		5	2	2	10	6	2	5
New Haven, -----	125,620	255	9	99	151 13.9	26	10	23.8													10	3	12	17	2	14	12	12	15
New London, -----	20,580	32	2	23	17 9.3	4	4	23.5													2	1	1	1	1	2	1	1	5
New Milford, -----	5,513	15		2	9 10.5	3	3	33.3													2	1	1	1	1	1	1	1	5
Norwalk, -----	21,680	42	4	18	19 10.5	1	1	5.2													2	1	1	1	1	1	1	1	5
Norwich, -----	25,910	46		27	48 19.9	6	3	18.7													2	6	6	6	7	12	2	1	12
Orange, -----	5,960	15	1	4	10 13.3	1	1	10.0													1	2	1	1	3	2	1	1	1
Plainfield, -----	5,040	12		11	5 11.9	1	1	20.0													1	1	3			3	3	3	
Putnam, -----	8,010	15	2	11	10 14.9	1	1	10.0													1	1	3			2	2	2	
Southford, -----	6,200	10		3	4 7.7	1	1	25.0													1	1	3	2	5	5	2	2	2
Stamford, -----	21,350	54	4	25	39 18.9	11	1	31.5													1	1	2	3	2	5	5	2	2
Stonington, -----	9,630	15	1	3	8 9.9	1	1	37.4													1	1	2	1	1	2	1	1	5
Thompson, -----	7,130	11	2	5	10 16.8	3	3	30.0													1	1	1	1	1	2	1	1	5
Torrington, -----	17,580	31	3	10	10 6.8	3	1	40.0													1	1	2	1	1	2	1	1	5
Vernon, -----	8,230	14		5	9 13.1	1	1	11.1													1	1	1	1	1	1	1	1	5
Wallington, -----	10,935	20	2	7	7 7.6																1	1	1	1	1	1	1	1	5
Waterbury, -----	65,490	172	4	48	82 14.8	24	6	7.3													6	1	8	6	1	6	3	11	35
Winchester, -----	9,030	13	1	3	7 9.3	1	1	14.2													1	6	1	1	1	1	1	1	3
Windham, -----	10,220	18	1	12	22 24.6	4	4	18.1													1	1	6			1	1	2	10
Total of the 38 above towns, -----	809,396	1735	69	625	932 13.8	199	58	27.6		3	---	4	3	19	---	---	1	17	2	1	55	8	99	68	16	90	94	71	381
126 towns of less than 5,000 inhabitants	225,513	362	10	134	274 14.5	35	7	15.3		---	---	1	---	4	1	1	6	1	---	---	14	7	23	9	7	38	31	21	109
Total reported from 164 towns, -----	1,034,909	2097	79	759	1206 13.9	234	65	24.7		---	---	---	---	---	---	---	---	---	---	---	69	15	122	77	23	128	125	92	490
Population of towns not reporting, -----	3,331									3	1	5	3	23	1	2	23	3	1	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 12; in Danbury, 1; in Danbury, 4; in Hartford, 47; in Meriden, 2; in Middletown, 20; in New Britain, 7; in New Haven, 38; in New London, 2; in Norwich, 1; in Norwich, 8; in Stamford, 7; in Waterbury, 8; in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Beacon Falls, Bolton, Bozrah, Canterbury, Chaplin, Chester, Columbia, East Granby, East Haven, Ellington, Granby, Killingworth, Lisbon, Marlborough, Middlebury, Morris, Norfolk, North Branford, North Stonington, Old Lyme, Roxbury, Scotland, Sherman, Voluntown, Wilton, Woodbridge.—Total, 26.

The Registrars of the following towns have made no report for October: Canaan, Easton, Hardland, Kent.—Total, 4.

# REMARKS.

By mortality reports received there were 1,206 deaths during the month of October. This was 36 less than in September and 128 less than in October of last year, and 9 less than the average number of deaths during October for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,696	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,208	1,329	1,404	1,199	1,317	1,205
June,	1,145	1,225	1,245	1,289	1,129	1,163
Total second quarter,	3,679	3,974	4,082	3,817	3,823	3,673
July,	1,496	1,518	1,537	1,650	1,409	1,414
August,	1,407	1,761	1,650	1,417	1,362	1,404
September,	1,242	1,408	1,342	1,196	1,169	1,160
Total third quarter,	4,145	4,687	4,529	4,263	3,940	3,978
October,	1,206	1,334	1,286	1,166	1,167	1,124

The death rate was 13.8 for the large towns, for the small towns 14.5, and for the whole State 13.9. The deaths reported from infectious diseases were 181, being 15.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 3; Fairfield, 6; Groton, 3; Hartford, 1; Hartwinton, 1; New Haven, 18; New London, 19; Suffield, 1; Waterbury, 8.—Total, 60 in 9 towns.

**Scarlet Fever.**—Bridgeport, 10; Colebrook, 1; East Haddam, 1; Essex, 2; Glastonbury, 1; Greenwich, 3; Groton (borough), 1; Hartford, 14; Huntington, 2; Meriden (city), 1; New Haven, 10; New London, 5; North Haven, 2; Norwalk, 1; Norwich, 1; Putnam, 1; Rockville (city), 1; Roxbury, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 2; Stonington, 1; Stratford, 2; Torrington (borough), 3; Washington, 2; Waterbury, 2; Winsted (borough), 2.—Total, 74 in 27 towns.

**Cerebro Spinal Fever.**—Thompson, 1.

**Diphtheria and Croup.**—Ansonia, 4; Barkhamsted, 1; Berlin, 1; Bethel, 1; Bridgeport, 14; Bristol, 9; Canton, 2; Colchester, 5; Cromwell, 24; Derby, 1; East Hartford, 6; Enfield, 5; Glastonbury, 1; Greenwich, 8; Groton, 4; Hamden, 1; Hartford, 41; Hebron, 2; Meriden (city), 14; Meriden (town), 1; Middletown (city), 3; Middletown (town), 9; Milford, 1; New Britain, 5; New Hartford, 1; New Haven, 14; New London, 4; Norwalk, 1; Norwich (city), 1; Norwich (town), 1; Plainfield, 1; Plainville, 1; Plymouth, 4; Portland, 2; Putnam, 5; Salem, 1; Seymour, 1; Shelton (borough), 2; Sprague, 4; Thompson, 1; Torrington (borough), 5; Wallingford (borough), 4; Waterbury, 30; Willimantic (city), 7; Windsor Locks, 2.—Total, 255 in 42 towns.

**Whooping Cough.**—Branford, 10+; Bristol, 2; Canterbury, 1; Cheshire, 2; Hartford, 1; Killingly, 20; New London, 1; Portland, 2+.—Total, 39+ in 8 towns.

**Typhoid Fever.**—Avon, 1; Barkhamsted, 3; Bethlehem, 2; Bridgeport, 6; Bristol, 3; Chatham, 1; Colebrook, 1; Cornwall, 1; Cromwell, 1; Durham, 1; Fairfield, 1; Farmington, 1; Greenwich, 2; Hamden, 2; Hartford, 26; Huntington, 2; Killingly, 1; Meriden (city), 2; Middletown (city), 2; Middletown (town), 2; Milford, 1; New Britain, 11; New Canaan, 3; New Haven, 28; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 2; Orange, 2; Oxford, 1; Plainfield, 1; Plymouth, 6; Pomfret, 1; Salisbury, 2; Southington, 2; South Norwalk (city), 2; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 1; Suffield, 1; Thomaston, 2; Torrington (borough), 1; Wallingford (borough), 1; Washington, 6; Waterbury, 11; West Haven (borough), 1; Wethersfield, 2; Willimantic (city), 1; Windsor, 1; Windsor Locks, 1; Winsted (borough), 1; Woodbury, 1.—Total, 159 in 47 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 8; Chatham, 1; Cheshire, 1; East Haven, 1; Haddam, 1; Hartford, 13; Killingly, 1; Lebanon, 1; Middletown (city), 3; New Britain, 3; New Haven, 13; North Haven, 1; Norwalk (city), 1; Norwich (city), 2; Putnam, 1; Rockville (city), 4; Southbury, 1; South Norwalk (city), 2; Stamford (city), 2; Washington, 1; Waterbury, 15; West Haven (borough), 1; Wethersfield, 1; Willimantic (city), 6.—Total 85 in 24 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Beacon Falls, Bethany, Bolton, Bozrah, Bridge-water, Brookfield, Brooklyn, Burlington, Canaan, Chaplin, Chester, Clinton, Columbia, Coventry, Danbury (city), Danbury (town), Danielson (borough), Darien, Eastford, East Granby, East Lyme, Easton, East

Windsor, Ellington, Franklin, Goshen, Granby, Griswold, Guilford, Hampton, Hartland, Jewett City (borough), Kent, Killingworth, Ledyard, Litchfield (town and borough), Lyme, Madison, Manchester, Mansfield, Marlborough, Middlebury, Middlefield, Monroe, Montville, Naugatuck, New Fairfield, Newington, New Milford, Newtown, Norfolk, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Preston, Prospect, Redding, Ridgefield (town and borough), Rocky Hill, Saybrook, Scotland, Sharon, Sherman, Simsbury, Somers, South Windsor, Stamford, Sterling, Stonington (borough), Tolland, Torrington, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Waterford, Watertown, Westbrook, West Hartford, Weston, Westport, Willington, Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodstock.—Total, 91.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following Towns have not reported:

NEW LONDON Co.—Lisbon.  
LITCHFIELD Co.—Morris.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Stratford, 1.  
**La Grippe.**—Stratford, 1.  
**Diphtheria and Croup.**—Barkhamsted, 1; Canton, 2; Portland, 1.  
**Whooping Cough.**—Windsor, 1.  
**Typhoid Fever.**—Farmington, 1; Guilford, 1; Plymouth, 1; Stafford, 1; Thomaston, 1; Watertown, 1.—Total, 6.  
**Consumption.**—Avon, 1; Cheshire, 1; Farmington, 1; Griswold, 1; Guilford, 1; Ledyard, 1; Milford, 1; New Canaan, 1; Old Saybrook, 1; Prospect, 1; Salisbury, 1; Saybrook, 1; Seymour, 1; Sharon, 1; Simsbury, 1; Southbury, 1; Sprague, 2; Washington, 1; West Hartford, 1; Westport, 3.—Total, 23.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	45	38	8	91
release.....	60	86	3	149
Tuberculosis.....	36	77	..	113
Typhoid Fever.....	32	55	12	99
Rabies.....	..	..	..	0
Malaria.....	..	12	..	12
Total specimens examined.....				464
Samples of oysters examined.....				9
“ “ milk analyzed.....				74
“ “ water.....				56
“ “ illuminating oil tested.....				4

## TO THE PHYSICIANS.

The attention of physicians is again called to the Bacteriological Laboratory of the State Board of Health, where free examinations are made, for the purpose of aiding in the diagnosis of certain infectious diseases. The sooner a definite diagnosis in made in such cases, the quicker can measures be put in operation to prevent the further spread of the disease, as well as for the cure of the patient; so that a more general use should be made of the laboratory as an aid in diagnosis.

The only certain method of determining when a child has recovered from diphtheria, so as not to infect others, is by a bacteriological examination of the secretions from the throat. This we can do for you. We examine sputum for the tubercle bacilli, cultures from the throat for diphtheria and the blood in suspected cases of typhoid fever and malaria. Outfits and directions for collecting and sending specimens to the laboratory can be obtained of all health officers, or application for them can be made directly to the laboratory. Address, State Bacteriological Laboratory, Middletown, Conn.

## THE TUBERCULOSIS EXHIBIT IN NEW YORK CITY.

The exhibit from the International Congress will be set up in New York, at the American Museum of Natural History, Seventy-seventh street and Central Park West, on November 20th, where it will probably continue for six weeks. It will be opened week-days from 10 in the morning until 10.30 at night, and on Sunday afternoons. Special programs have been arranged for physicians and others, and it is expected that Governor Hughes and Mayor McClellan will take part in the program of the opening night. It will be extensively advertised in New York and vicinity and it is expected that where thousands saw the exhibit in Washington, hundreds of thousands will view it in New York.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, November 16, 1908.

\* Nine delayed certificates for September have been received since the publication of the last Bulletin.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	57	42	50	T	Cloudy	0	30.15	29.49
2	56	45	50	.04	Partly Cloudy	44	30.00	
3	65	38	52	0	Clear	100		
4	68	40	54	0	Clear	88		
5	65	38	52	0	Clear	87		
6	72	37	54	0	Clear	90		
7	69	42	56	0	Partly Cloudy	36		
8	72	51	62	0	Partly Cloudy	61		
9	66	52	59	0	Cloudy	15		
10	62	44	53	.08	Cloudy	35		
11	73	52	62	.14	Partly Cloudy	54		
12	56	39	48	0	Clear	86		
13	62	30	46	0	Clear	83		
14	72	35	54	0	Clear	85		
15	80	39	60	0	Clear	73		
16	80	47	64	0	Clear	70		
17	90	47	68	0	Clear	80		
18	80	49	64	0	Clear	68		
19	67	47	57	0	Cloudy	2		
20	50	35	42	0	Partly Cloudy	82		
21	58	30	44	0	Partly Cloudy	72		
22	66	32	49	0	Clear	100		
23	71	37	54	0	Partly Cloudy	69		
24	74	54	64	0	Cloudy	15		
25	71	61	66	.01	Cloudy	0		
26	67	58	62	.38	Cloudy	0		
27	66	54	60	T	Cloudy	34		
28	58	50	54	.44	Cloudy	0		
29	57	49	53	.37	Cloudy	0		
30	56	39	48	.21	Partly Cloudy	51		
31	44	33	38	T	Cloudy	17		
Mean	66.1	43.4	54.8	1.67				

ATMOSPHERIC PRESSURE.				
(Reduced to sea level; inches and hundredths.)				
Mean	30.15	highest	30.00	date 13
Lowest	29.49			date 30

TEMPERATURE.				
Highest	90°	date 17	lowest	30°
Greatest daily range	43°			date 17
Least daily range	8°			date 28

MEAN FOR THIS MONTH IN				
1904--	49°	1905--	53°	1906-- 53°
1907--	49°	1908--	55°	
Mean of this month for 5 years				52
Absolute maximum for this month for 5 years				90
Absolute minimum for this month for 5 years				25
Average daily excess (+) of this month as compared with mean of 5 years				3.1

PRECIPITATION.				
Total this month				1.67
Snowfall				Trace
Greatest precipitation in 24 hours	0.57	date		29, 30
Snow on the ground at end of month				0

TOTAL PRECIPITATION THIS MONTH IN				
1904--	2.23	1905--	2.23	1906-- 5.54
1907--	4.53	1908--	1.67	
Average of this month for 5 years				3.24
Deficiency (—) of this month as compared with average of 5 years				1.57

WIND.				
Prevailing direction				N
Total movement				4,448 miles
Average hourly velocity				6.0
Maximum velocity (for five minutes)	33 miles per hour,			
from NW on 30th.				

WEATHER.				
Number of clear days				12
Partly cloudy				8
Cloudy				11
On which .01 inch, or more, of precipitation occurred				8

MISCELLANEOUS PHENOMENA (dates of).				
Auroras				None
Halos, solar				None
Halos, lunar				8
Hail				None
Sleet				None
Fog				1, 6, 7, 13, 14, 28
Thunderstorms				None
*Frosts: light	4	heavy	3, 5, 6	killing

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



VOL. XXII

NO. 11

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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1908, and a Statement of the Births and Marriages for the Month of October, 1908.

Total estimated population of the State, 1,038,240.

## TOWNS.

TOWNS.																																		
	Estimated Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.					
Ansonia, .....	14,550	34	3	12	13	10.7	4	2	49.0															2	1	1	1	1	7					
Bratford, .....	6,700	16		8	7	12.5	4		57.1																			1	1	4				
Bridgeport, .....	88,700	189	7	100	104	13.3	18	5	22.1		1				5		1					2	1	13	7	7	13	10	43					
Bristol, .....	11,450	21	16	13	13	13.6	4	1	38.4				1															2	3	9				
Danbury, .....	19,475	29	1	23	26	16.0	5		19.2						1							1	2	1	1	1	2	0	3	1				
Derby, .....	9,800	27	1	12	11	13.8	3		27.2																			1	2	3				
East Hartford, .....	7,966	8		6	9	13.5	1		22.2				1		2												2	1	4					
Enfield, .....	6,300	18	1	11	7	13.3	2		28.5																			2	1	2				
Fairfield, .....	5,000	13		5	3		2																				3	1	4					
Greenwich, .....	13,800	18	3	23	14	12.1	2	2	14.2						2												1	1	4					
Groton, .....	6,300	15	1	2	8	15.2	2		25.0																			1	1	4				
Hamden, .....	5,220	10	1		2	4.5							2																1	4				
Hartford, .....	101,150	192	3	105	112	11.5	16	8	21.4					1	1	2	1	3			1	9	14	3	9	8	1	1	2	50				
Huntington, .....	6,830	9	1	3	6	10.5	1	2	50.0																			2	1	1				
Killingly, .....	6,082	15		8	3	5.3	1	2	66.6																			1	1	1				
Manchester, .....	12,504	28	1	9	5	8.8	1		20.0																				2	7	16			
Meriden, .....	31,315	59	2	36	39	14.9	5	4	23.0				1															5	3	7				
Middletown, .....	19,310	25	1	17	27	10.5	4	1	41.6																				2	6	3			
Naugatuck, .....	14,000	46	1	10	12	12.8	4	1	41.6																				1	1	2			
New Britain, .....	35,560	111	4	43	48	16.2	16	5	43.7																				1	1	2			
New Haven, .....	125,620	281	10	146	165	14.8	16	11	16.3		2			1	4														2	1	1			
New London, .....	20,580	48	2	18	17	9.9	4		23.5																				1	1	10			
New Milford, .....	5,513	6		4	5	10.8																								2	1			
Norwalk, .....	21,680	30		15	24	12.7	3	1	16.6				2																1	1	1			
Norwich, .....	28,910	47	3	17	29	11.5	2		5.8																				1	1	1			
Orange, .....	8,960	13	1	4	8	10.7	1	2	12.5																				1	1	2			
Plainfield, .....	5,010	11		5	5	11.9	1	2	60.0																					1	1	1		
Plymouth, .....	6,200	12	1	6	8	10.4	3		37.5																					2	1	2		
Southampton, .....	21,350	52		32	32	16.2	9	3	37.5																					1	1	4		
Stamford, .....	9,630	17	1	8	7	8.7																								1	1	2		
Stonington, .....	7,130	12	1	5	5	8.4	2	1	60.0																					1	1	1		
Thompson, .....	17,580	35	1	12	8	5.4	1	3	50.0																					1	1	2		
Torrington, .....	8,230	16	1	3	9	13.1	3	2	55.5																					1	1	2		
Vernon, .....	10,935	24		9	3	3.2	1	1	66.6		1																			7	12	2		
Wallingford, .....	65,490	168	3	60	92	16.8	21	19	43.4				1		8	2														5	7	33		
Waterbury, .....	9,030	10		12	7	7.9	1		14.2																					3	1	3		
Winchester, .....	10,220	26	1	11	12	14.0	2	2	33.3																					1	2	1		
Windham, .....																																		
Total of the 38 above towns, .....	809,396	1704	58	823	911	13.5	162	79	26.4		5	2	8	3	32	5	2	12												19	105	88	69	
126 towns of less than 5,000 inhabitants	225,236	355	8	168	227	12.0	23	13	15.8																						3	30	35	9
Total reported from 164 towns, .....	1,034,632	2059	66	991	1138	13.1	185	92	24.3																						22	135	123	78
Population of towns not reporting, .....	3,668										5	2	12	3	37	5	2	13														474		

The Mortality in Public Institutions of the State was: in Bridgeport, 17; in Hartford, 59; in Meriden, 3; in Middletown, 12; in New Britain, 5; in New Haven, 52; in New London, 6; in Norwalk, 2; in Norwich, 7; in Stamford, 9; in Torrington, 9; in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Bethelheim, Bolton, Canterbury, Chaplin, Chatham, Clinton, Colebrook, Columbia, Eastford, Franklin, Goshen, Granby, Harwinton, Killingworth, Marlborough, Monroe, New Fairfield, Norfolk, Old Lyme, Old Saybrook, Prospect, Ridgefield, Rocky Hill, Roxbury, Salem, Scotland, Sherman, South Windsor, Union, Warren, Wilton, Woodbridge.—Total, 33.

The Registrars of the following towns have made no report for November: Cornwall, Hartland, Kent, Lisbon.—Total, 4.

# REMARKS.

By mortality reports received there were 1,138 deaths during the month of November. This was 73 less than in October and 103 less than in November of last year, and 87 less than the average number of deaths during November for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,606	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,208	1,329	1,404	1,199	1,317	1,265
June,	1,145	1,225	1,248	1,289	1,129	1,163
Total second quarter,	3,679	3,974	4,082	3,817	3,823	3,673
July,	1,496	1,518	1,537	1,650	1,409	1,414
August,	1,407	1,761	1,650	1,417	1,362	1,404
September,	1,242	1,408	1,342	1,196	1,169	1,160
Total third quarter,	4,145	4,687	4,529	4,263	3,940	3,978
October,	*1,211	1,334	1,286	1,166	1,167	1,124
November,	1,138	1,241	1,296	1,257	1,162	1,171

The death rate was 13.5 for the large towns, for the small towns 12.0, and for the whole State 13.1. The deaths reported from infectious diseases were 181, being 15.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 18; East Hartford, 2; Fairfield, 80; Greenwich, 1; Hamden, 1; Hartford, 1; Killingworth, 1; Milford, 11; Montville, 1; New Britain (city), 1; New Haven, 28; Stamford (city), 3; Thomaston, 1; Wallingford (borough), 9; Waterbury (city), 11; West Hartford, 1; Westport, 1; Winsted (borough), 2.—Total, 173 in 18 towns.

**Scarlet Fever.**—Bethel, 1; Bridgeport, 26; Colebrook, 1; Cromwell, 1; Derby, 1; East Hartford, 2; Enfield, 1; Fairfield, 1; Farmington, 2; Glastonbury, 3; Greenwich, 10; Groton (borough), 4; Hartford, 9; Hebron, 5; Huntington, 1; Killingly, 1; Meriden, 2; Naugatuck, 1; New Haven, 19; New London, 8; North Canaan, 3; Norwalk (city), 1; Norwalk (town), 1; South Norwalk (city), 2; Stafford Springs (borough), 1; Stratford, 2; Waterbury (city), 5; West Haven (borough), 3; West Hartford, 1; Woodstock, 2.—Total, 110 in 28 towns.

**Cerebro Spinal Fever.**—Hartford, 1; New Haven, 2.—Total, 3 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 1; Bethel, 4; Branford, 1; Bridgeport, 2; Bristol, 8; Canton, 8; Colchester, 6; Cromwell, 5; Danbury (city), 4; Enfield, 2; Greenwich, 5; Groton, 7; Hartford, 29; Hebron, 3; Lebanon, 2; Meriden (city), 13; Meriden (town), 1; Middletown (city), 2; Middletown (town), 2; Monroe, 2; Naugatuck, 3; New Britain (city), 11; New Haven, 22; New London, 5; Norwalk (city), 2; Norwich (city), 1; Plainfield, 1; Plainville, 3; Putnam, 11; Rockville (city), 3; Shelton (borough), 1; Sprague, 4; Stafford Springs (borough), 3; Stamford (city), 1; Stratford, 2; Thompson, 1; Torrington (borough), 5; Trumbull, Waterbury (city), 56; West Haven (borough), 2; West Hartford, 3; Willimantic (city), 3; Windsor Locks, 2; Woodstock, 1.—Total, 253 in 42 towns.

**Whooping Cough.**—Branford, 7+; Enfield, 1; Hartford, 2; Killingly, 3; Middletown (city), 14; New Britain (city), 2; South Windsor, 1; Stamford (city), 3; Westport, 1.—Total, 34+ in 9 towns.

**Typhoid Fever.**—Ansonia, 1; Bethel, 1; Bridgeport, 2; Brooklyn, 1; Canton, 1; Durham, 6; Enfield, 2; Hamden, 1; Hartford, 21; Madison, 1; Manchester, 3; Middletown (city), 1; Montville, 1; New Britain (city), 5; New Canaan, 1; New Haven, 14; New London, 1; Old Saybrook, 2; Plymouth, 3; Preston, 1; Ridgefield (borough), 1; Southington, 1; South Norwalk (city), 2; Stafford Springs (borough), 1; Stamford (city), 2; Stratford, 1; Thompson, 3; Torrington (borough), 2; Wallingford (borough), 1; Waterbury (city), 6; West Haven (borough), 1; Windsor, 1; Winsted (borough), 1; Woodbury, 2; Woodstock, 1. Total, 93 in 32 towns.

**Consumption.**—Branford, 1; Bridgeport, 8; Danielson (borough), 1; East Haddam, 1; Hartford, 16; Huntington, 1; Manchester, 1; Mansfield, 1; Middletown (city), 2; Naugatuck, 2; New Britain (city), 3; New Haven, 16; New Milford, 1; Norwalk (city), 1; Norwich (city), 2; Thomaston, 1; Washington, 1; Wallingford (borough), 2; Waterbury, 11; West Hartford, 1; Wethersfield, 1; Willimantic (city), 3; Woodbury, 1.—Total, 78 in 25 towns.

\* Five delayed certificates for October have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of one hundred and five towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Bethel, 1; East Granby, 1; Milford, 1; New Canaan, 1, Total, 4.

**Diphtheria and Croup.**—Cromwell, 1; Hebron, 2; Stratford, 1; Woodstock, 1.—Total, 5.

**Typhoid Fever.**—Barkhamsted, 1.

**Consumption.**—Barkhamsted, 1; Bethel, 1; Brooklyn, 1; Canaan, 1; Essex, 1; Farmington, 1; Ledyard, 1; Oxford, 1; Salisbury, 2; Simsbury, 1; Stafford, 1; Sterling, 1; Watertown, 2; Wethersfield, 1; Windsor Locks, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	40	65	3	..	108
release.....	51	307	0	..	358
Tuberculosis.....	21	63	..	..	84
Typhoid Fever.....	9	24	2	..	35
Rabies.....	1	4	..	..	5
Malaria.....	1	6	..	..	7
Total specimens examined.....					597
Samples of oysters examined.....					9
" " milk analyzed.....					60
" " water.....					27
" " illuminating oil tested.....					4

## THE RED CROSS CHRISTMAS STAMP.

Everywhere in the State, where people are interested in the fight against the great white plague, the Christmas stamps are being sold.

It is interesting to note that the first sale of charity stamps of which there is any record took place in Boston, in 1862, at a great church festival, and were called Sanitary Fair Stamps. They were sold for the purpose of raising funds to be used in aid of the wounded soldiers of the civil war. The stamps met with a ready sale, and thirty years later, when the Red Cross Society of Portugal desired to obtain funds for charitable purposes, the officers of that organization issued these private stamps. The plan spread to other European countries, and is now used by them to raise money for tuberculosis work, where immense quantities are sold every Christmas. The measure has now come back to us and has swept the country from ocean to ocean. The National Red Cross Society has been literally overwhelmed with orders, as the demand has much exceeded the expectation, so that remote will be the place from which comes the Christmas mail that does not bear this stamp.

These stamps of course have no postal value, but may be attached to letters, parcels and post cards to carry the Christmas greeting, and are also for decoration, like the little holly stickers generally used. Those who use them will have the satisfaction of knowing that in addition to adding an ornament to their letters and packages, they have also made use of one "bullet in the fight against tuberculosis." The cost is so small, a penny each, that every one can contribute his mite and the aggregate will amount to a considerable sum. In this State the money received is going for local tuberculosis work. It is all right to tell consumptives to eat nourishing food, but useless, when they are unable to procure it; or to tell them to sleep with the windows open, when they do not have bed clothes enough to keep them warm. These are some of the necessities that must be supplied.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, December 15, 1908.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	42	32	37	0	Clear	0.0	30.02	29.42
2	47	33	40	0	Partly Cloudy	0.0	30.45	
3	58	34	46	0	Partly Cloudy	0.0		
4	60	27	44	T	Cloudy	0.0		
5	39	25	32	.02	Partly Cloudy	0.2		
6	44	29	36	T	Cloudy	T		
7	49	41	45	.01	Cloudy	0.0		
8	49	38	44	T	Cloudy	0.0		
9	59	29	44	0	Cloudy	0.0		
10	53	32	42	T	Cloudy	0.0		
11	48	44	46	.13	Cloudy	0.0		
12	44	33	38	0	Partly Cloudy	0.0		
13	41	32	36	T	Cloudy	T		
14	44	30	37	.31	Cloudy	0.0		
15	39	29	34	.27	Clear	2.0		
16	44	26	35	0	Clear	0.0		
17	39	30	34	0	Partly Cloudy	0.0		
18	39	31	35	.06	Cloudy	0.2		
19	45	27	36	0	Partly Cloudy	0.0		
20	48	32	40	.01	Partly Cloudy	0.0		
21	50	26	38	0	Clear	0.0		
22	54	26	40	0	Clear	0.0		
23	52	41	46	0	Partly Cloudy	0.0		
24	60	41	50	T	Cloudy	0.0		
25	54	43	48	.03	Cloudy	0.0		
26	60	45	52	.05	Cloudy	0.0		
27	57	43	50	0	Clear	0.0		
28	46	40	43	0	Cloudy	0.0		
29	52	35	44	0	Partly Cloudy	0.0		
30	56	39	48	T	Cloudy	0.0		
Mean	49.1	33.8	41.4	0.92				

MEAN FOR THIS MONTH IN				
1904..	37°	1905..	40°	1906.. 41°
1907..	42°	1908..	41°	
Mean of this month for 5 years.....				40
Absolute maximum for this month for 5 years.....				65
Absolute minimum for this month for 5 years.....				14
Average daily deficiency (—) of this month as compared with mean of 5 years.....				1.2

PRECIPITATION.	
Total this month .....	0.92
Snowfall.....	2.4
Greatest precipitation in 24 hours 0.58, date.....	14, 15
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN				
1904..	1.52	1905..	1.77	1906.. 2.90
1907..	4.74	1908..	0.92	
Average of this month for 5 years.....				2.37
Deficiency (—) of this month as compared with average of 5 years.....				1.45

WIND.	
Prevailing direction.....	NW
Total movement .....	5,862 miles
Average hourly velocity.....	8.1
Maximum velocity (for five minutes) 32 miles per hour, from SW on 4th.	

WEATHER.	
Number of clear days .....	6
Partly cloudy .....	9
Cloudy .....	15
On which .01 inch, or more, of precipitation occurred .....	9

MISCELLANEOUS PHENOMENA (dates of).	
Auroras .....	17
Halos, solar .....	None
Halos, lunar .....	2, 7
Hail.....	None
Sleet .....	14, 15
Fog .....	9, 10, 22, 24, 25
Thunderstorms.....	None
*Frosts: light..... ; heavy..... ; killing.....	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1908



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1908,  
and a Statement of the Births and Marriages for the Month of November, 1908.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,550	34	1	19	17	14.0	5	3	47.0	---	1	---	---	1	---	---	---	---	---	---	1	---	---	3	3	2	1	---	5
Brantford, .....	6,700	14	---	7	7	12.5	5	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bridgeport, .....	88,700	187	10	88	106	13.9	22	10	30.1	2	1	---	---	1	1	2	---	---	---	2	9	16	8	10	6	43	2	2	
Bristol, .....	11,450	15	21	4	4	4.1	2	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury, .....	19,475	33	3	22	24	12.9	2	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby, .....	9,500	27	2	10	8	10.1	2	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford, .....	7,966	16	1	4	6	9.0	2	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield, .....	6,300	26	1	18	14	26.6	4	3	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Fairfield, .....	5,000	12	---	3	8	19.2	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich, .....	13,800	26	1	20	20	17.3	3	3	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton, .....	6,300	12	---	4	9	17.1	1	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden, .....	5,220	6	---	5	4	9.1	2	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford, .....	101,150	168	6	84	135	14.3	22	14	26.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Huntington, .....	6,830	10	2	4	8	14.0	3	3	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	6,082	11	---	5	12	21.5	1	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	12,504	24	1	12	4	3.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	31,315	60	1	26	39	14.9	3	4	17.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown, .....	19,310	33	1	11	31	8.7	2	1	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck, .....	14,000	33	1	16	9	7.7	1	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	35,560	112	4	29	45	14.8	15	3	40.0	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven, .....	125,620	270	17	137	198	17.7	23	18	20.7	1	6	1	4	1	2	1	5	1	---	---	---	---	---	---	---	---	---		
New London, .....	20,580	50	3	22	25	14.5	3	3	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	5,513	9	---	2	6	13.0	1	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	21,680	28	1	21	29	16.1	3	2	17.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	25,910	45	3	24	31	13.4	2	---	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield, .....	8,960	13	---	3	13	17.4	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield, .....	5,010	14	---	8	4	9.5	1	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam, .....	8,010	11	1	11	8	10.4	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,200	12	---	7	5	9.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stafford, .....	21,350	70	2	37	21	11.8	3	1	19.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,630	14	1	8	6	7.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	7,130	8	---	1	16	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	18,580	39	---	18	19	10.9	4	2	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	8,230	19	---	12	12	14.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallington, .....	16,935	21	---	8	11	12.0	4	1	45.0	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	65,460	167	12	63	75	13.0	14	6	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winsted, .....	9,030	15	---	10	13	17.2	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,220	20	2	9	19	21.1	1	1	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 38 above towns, .....	809,396	1684	79	792	1008	14.9	156	75	22.9	6	3	14	2	23	8	6	16	1	1	9	2	93	149	27	96	118	51	383	
129 towns of less than 5,000 inhabitants	227,950	334	10	113	205	13.9	30	5	13.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total reported from 167 towns, .....	1,037,346	2018	89	905	1273	14.7	186	80	20.8	6	3	16	2	26	9	6	20	2	2	9	2	108	174	36	127	154	70	501	
Population of towns not reporting, .....	894	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 20; in Danbury, 7; in Greenwich, 4; in Hartford, 59; in Meriden, 5; in Middletown, 22; in New Britain, 1; in New Haven, 58; in New London, 4; in Norwich, 1; in Norwalk, 1; in Stamford, 5; in Waterbury, 12; in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Ashford, Avon, Bethany, Bethlehem, Bridgewater, Clinton, Colchester, Columbia, Eastford, East Granby, East Haven, Goshen, Hartland, Hebron, Kent, Lyme, Morris, Old Saybrook, Oxford, Portland, Prospect, Ridgefield, Salem, Scotland, Sherman, Simsbury, Southbury, Wolcott.—Total, 29.

The Registrar of the following town has made no report for December: Weston.

# REMARKS.

By mortality reports received there were 1,273 deaths during the month of December. This was 132 more than in November and 169 less than in December of last year, and 96 less than the average number of deaths during December for the five years preceding.

	1908	1907	1906	1905	1904	1903
January,	1,557	1,606	1,340	1,412	1,440	1,420
February,	1,515	1,519	1,235	1,368	1,387	1,303
March,	1,456	1,572	1,489	1,577	1,525	1,421
Total first quarter,	4,528	4,787	4,064	4,357	4,352	4,144
April,	1,326	1,420	1,430	1,329	1,377	1,245
May,	1,208	1,329	1,404	1,199	1,317	1,265
June,	1,145	1,225	1,243	1,289	1,129	1,163
Total second quarter,	3,679	3,974	4,082	3,817	3,823	3,673
July,	1,496	1,518	1,537	1,650	1,409	1,414
August,	1,407	1,761	1,650	1,417	1,362	1,404
September,	1,242	1,408	1,342	1,196	1,160	1,160
Total third quarter,	4,145	4,687	4,529	4,263	3,940	3,978
October,	*1,214	1,334	1,286	1,166	1,167	1,124
November,	*1,141	1,241	1,206	1,257	1,162	1,171
December,	1,273	1,442	1,481	1,318	1,258	1,347
Total fourth quarter,	3,628	4,017	4,063	3,741	3,587	3,642
Total for year,	15,980	17,465	16,738	16,178	15,702	15,439

The death rate was 14.9 for the large towns, for the small towns 13.9, and for the whole State 14.7. The deaths reported from infectious diseases were 196, being 15.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Branford (town and borough), 2; Bridgeport, 36; Canton, 1; East Haven, 4; Fairfield, 25; Greenwich, 3; Hamden, 24; Hartford, 3; Hartwinton, 1; Killingworth, 3; Manchester, 4; Meriden (city), 5; Middletown, 2; Milford, 22; Montville, 1; New Haven, 25; New London, 1; New Milford, 1; Norwalk, 2; Orange, 1; South Windsor, 7; Stamford (city), 22; Stratford, 2; Wallingford (borough), 7; Waterbury (city), 14; West Haven (borough), 17; Westport, 2; Wilton, 4; Winsted (borough), 5.—Total, 247+ in 30 towns.

**Scarlet Fever.**—Ansonia, 9; Bloomfield, 1; Bridgeport, 8; Chester, 1; East Haddam, 1; East Windsor, 1; Ellington, 1; Glastonbury, 2; Greenwich, 8; Hartford, 6; Hebron, 2; Huntington, 3; Killingly, 1; Lebanon, 1; Meriden (city), 5; Milford, 1; Morris, 2; Naugatuck, 2; New Haven, 7; New London, 4; Norfolk, 1; North Canaan, 2; Norwalk (city), 2; Norwalk (town), 1; Southington, 1; Stafford, 5; Stamford (city), 4; Suffield, 1; Waterbury (city), 6; Waterford, 1; Watertown, 1; West Haven (borough), 1; Willimantic (city), 2; Wilton, 1.—Total, 95 in 34 towns.

**Cerebro Spinal Fever.**—New Haven, 1.

**Diphtheria and Croup.**—Ansonia, 4; Bridgeport, 11; Bristol (city), 3; Bristol (town), 1; Canton, 10; Colchester, 5; Danbury (city), 1; Derby, 6; East Hartford, 1; East Haven, 1; Enfield, 3; Fairfield, 2; Granby, 1; Greenwich, 8; Guilford, 1; Hamden, 2; Hartford, 34; Huntington, 1; Manchester, 2; Mansfield, 1; Marlborough, 1; Meriden (city), 10; Meriden (town), 2; Middletown (city), 3; Middletown (town), 1; New Britain, 10; New Haven, 15; New London, 2; New Milford, 1; Norwalk (city), 1; Norwich (city), 1; Plainville, 1; Putnam, 4; Seymour, 4; Shelton (borough), 1; Simsbury, 2; South Windsor, 3; Sprague, 1; Stafford Springs (borough), 1; Stamford (city), 8; Suffield, 2; Torrington (borough), 3; Waterbury (city), 52; Watertown, 1; West Haven (borough), 10; Willimantic (city), 1; Windsor, 1.—Total, 249 in 45 towns.

**Whooping Cough.**—Ansonia, 1; Branford (town and borough), 11; Enfield, 2; Hampton, 4; Hartford, 12; Middlefield, 1; Middletown (city), 80; New Britain, 4; New London, 1; Rocky Hill, 2; Saybrook, 1; Stamford (city), 4; Waterbury (city), 3; West Hartford, 1.—Total, 131 in 14 towns.

**Typhoid Fever.**—Bridgeport, 8; Cromwell, 1; Eastford, 1; Enfield, 1; Hartford, 5; Jewett City (borough), 1; Middlebury, 1; Middletown (city), 1; New Britain, 1; New Haven, 11; Old Saybrook, 1; Plainfield, 1; Rocky Hill, 1; Southbury, 1; South Windsor, 1; Stamford (city), 3; Sterling, 1; Stonington, 2; Suffield, 1; Thomaston, 3; Wallingford (borough), 1; Waterbury (city), 7; West Hartford, 1; Windsor, 1.—Total, 56 in 24 towns.

**Consumption.**—Ansonia, 1; Bozrah, 1; Bridgeport, 2; Brooklyn, 1; Darien, 2; Derby, 1; Hartford, 11; Manchester, 2; Mansfield, 1; Middletown (city), 2; Middletown (town), 1; Milford, 1; Naugatuck, 1; New Britain, 3; New Haven, 16; New London, 2; Norwich (city), 4; Plainfield, 1; Pomfret, 2; Portland, 1; Putnam, 5; Shelton (borough), 2; Simsbury, 2; South Norwalk (city), 1; Stonington (borough), 1; Stratford, 1; Waterbury (city), 9; Watertown, 1; West Haven (borough), 1; Willimantic (city), 2; Willington, 1.—Total, 83 in 31 towns.

\* Three delayed certificates for October and three for November have been received since the publication of the last Bulletin.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel (town and borough), Bethlehem, Bolton, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Danbury, Danielson (borough), Durham, East Granby, East Lyme, Easton, Essex, Farmington, Franklin, Goshen, Griswold, Groton (town), Groton (borough), Haddam, Hartland, Kent, Ledyard, Litchfield, Lyme, Madison, Monroe, New Canaan (town and borough), New Fairfield, New Hartford, Newington, North Branford, North Haven, North Stonington, Norwich, Old Lyme, Oxford, Plymouth, Preston, Prospect, Redding, Ridgefield (town and borough), Rockville (city), Roxbury, Salem, Salisbury, Scotland, Sharon, Sherman, Somers, Stamford, Thompson, Tolland, Torrington, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Washington, Westbrook, Weston, Wethersfield, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge, Woodbury, Woodstock.—87.

All the Health Officers of New Haven, Windham, Litchfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following Counties have not reported:

HARTFORD Co.—Avon.  
NEW LONDON Co.—Lisbon.  
FAIRFIELD Co.—Newtown.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Milford, 1; Woodbury, 1.  
**Diphtheria and Croup.**—Granby, 1; Guilford, 1; Suffield, 1.  
**Whooping Cough.**—Hampton, 1.  
**Typhoid Fever.**—Canton, 1; Montville, 1; Sterling, 1; West Hartford, 1.  
**Consumption.**—Barkhamsted, 1; Beacon Falls, 1; Bloomfield, 1; Darien, 3; Farmington, 1; Griswold, 1; Guilford, 1; New Fairfield, 1; Newington, 1; Plymouth, 1; Washington, 1; Watertown, 1; Woodbury, 1.—Total, 15.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Quies.	No Growth.
Diphtheria, diagnosis.....	29	52	3	..
release.....	78	350	0	1
Tuberculosis.....	27	89	..	..
Typhoid Fever.....	16	16	8	..
Rabies.....	..	1	..	..
Malaria.....	..	4	..	..
Total specimens examined.....	674			
Samples of oysters examined.....	6			
“ “ milk analyzed.....	64			
“ “ water “.....	21			
“ “ illuminating oil tested.....	4			

## HOW ONE HEALTH OFFICER MANAGED AN OUTBREAK OF DIPHTHERIA.

Among the reports to the State Board of Health for the month of December, there is one from a Health Officer, in which he tells how he managed an outbreak of diphtheria in his town. We publish it here, as it may aid other Health Officers under similar conditions.

“In November I reported five cases of diphtheria, two of which were fatal and two more very serious. The conditions were somewhat alarming and by order of the authorities the schools in the village were closed for one week, but conditions did not improve. Something had to be done, either close the schools for a month or more, or what? It was decided to take cultures from the throats of all children and teachers in the schools and send them to the State Laboratory for examination. The result was that nineteen cultures showed the presence of the diphtheric bacilli, all in cases where it had not been previously suspected. These cases and their families were all quarantined and the quarantine enforced.

The schools were not closed, but no pupil was allowed to attend, unless cultures taken from the throat showed the absence of the specific bacillus. As a result of this work there is not now a case of diphtheria in the village among the school children. These nineteen cases reported were all mild, in fact so mild that the parents and their friends claimed that all our work was useless and needless. It was a hot old time in the village for six weeks. All churches, school rooms and public library have been thoroughly fumigated and we now feel safe from a serious epidemic.”

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, January 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1908.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE.	
	Max.	Min.	Mean.				(Reduced to sea level; inches and hundredths.)	
1	65	40	52	0	Partly Cloudy	0.0	Mean	30.05; highest 30.58; date 6
2	40	23	32	0	Partly Cloudy	0.0	Lowest	29.37; date 12
3	31	18	24	0	Partly Cloudy	0.0	TEMPERATURE.	
4	42	21	32	.04	Cloudy	0.0	Highest	65°; date 1; lowest 13°; date 24
5	36	21	28	0	Partly Cloudy	0.0	Greatest daily range	30°; date 7
6	27	13	20	T	Partly Cloudy	0.0	Least daily range	6°; date 13
7	56	26	41	1.99	Cloudy	2.0	MEAN FOR THIS MONTH IN	
8	37	28	32	0	Clear	0.0	1904-- 23°	1905-- 34°
9	35	24	30	0	Cloudy	0.0	1906-- 27°	1907-- 34°
10	28	14	21	0	Clear	0.0	1908-- 32°	
11	38	14	26	.26	Cloudy	3.0	Mean of this month for 5 years	30
12	40	29	34	.23	Cloudy	T	Absolute maximum for this month for 5 years	65
13	32	26	29	.03	Cloudy	1.4	Absolute minimum for this month for 5 years	Zero
14	41	25	33	0	Clear	0.0	Average daily deficiency (—) of this month as compared with mean of 5 years	1.7
15	46	38	42	.02	Cloudy	0.0	PRECIPITATION.	
16	41	34	38	0	Cloudy	0.0	Total this month	3.36
17	34	26	30	0	Cloudy	0.0	Snowfall	9.6
18	34	20	27	.33	Cloudy	4.2	Greatest precipitation in 24 hours 1.99, date	7
19	34	15	24	0	Clear	0.0	Snow on the ground at end of month	0
20	38	27	32	T	Partly Cloudy	T	TOTAL PRECIPITATION THIS MONTH IN	
21	42	26	34	0	Partly Cloudy	0.0	1904-- 3.09	1905-- 3.47
22	34	20	27	0	Cloudy	0.0	1906-- 3.83	1907-- 4.70
23	24	16	20	0	Partly Cloudy	0.0	1908-- 3.36	
24	36	13	34	0	Cloudy	0.0	Average of this month for 5 years	3.69
25	41	32	36	T	Cloudy	0.0	Deficiency (—) of this month as compared with average of 5 years	0.33
26	41	31	36	0	Cloudy	0.0	WIND.	
27	39	30	34	0	Cloudy	0.0	Prevailing direction	NW
28	41	30	36	0	Clear	0.0	Total movement	5,906 miles
29	44	30	37	0	Clear	0.0	Average hourly velocity	7.9
30	33	22	28	.46	Cloudy	T	Maximum velocity (for five minutes) 39 miles per hour, from W on 7th.	
31	42	31	36	T	Cloudy	0.0	WEATHER.	
Mean	38.5	24.6	41.4	3.36			Number of clear days	6
							Partly cloudy	8
							Cloudy	17
							On which .01 inch, or more, of precipitation occurred	8
							MISCELLANEOUS PHENOMENA (dates of).	
							Auroras	None
							Halos, solar	None
							Halos, lunar	3
							Hail	None
							Sleet	None
							Fog	None
							Thunderstorms	None
							*Frosts: light ; heavy ; killing	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1909,  
and a Statement of the Births and Marriages for the Month of December, 1908.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 to 10 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	14,550	37	2	3	21	17.3	4	2	28.5		1	1										3	3	1	2	2	1	7		
Bridgeport.	6,700	18	1	4	5	8.0			20.0				1													6	59			
Bridgford.	88,700	223	10	53	114	15.2	25	6	27.1	1										1	12	24	6	5	6					
Bristol.	11,450	38			14	14.6			21.4													2	2	4	0	2	7			
Danbury.	10,475	44	1	10	25	15.4	3	3	12.0						1	1						1	3	1	1	1	1	2		
Derby.	9,500	32	3	3	11	13.8	1	3	36.3		2				1	1						1	1	1	1	1	1	2		
East Hartford.	7,966	14		7	7	10.5	2	2	57.1						1	1						1	1	3	1	1	4			
Enfield.	6,300	25	2	2	13	24.7	2	2	30.7						1	1						1	1	1	1	1	3	0		
Fairfield.	5,000	8				7.2																1	5	2	3	3	0			
Greenwich.	13,800	25	1	13	22	19.1	3	2	18.1		1				1							1	1	1	1	1	7	7		
Groton.	6,300	8		6	10	19.0	3	3	30.0													1	1	1	1	1	2	7		
Hamden.	5,220	10	1	4	6	13.7	1	1	16.6		1				1							1	1	1	1	1	1	4		
Hartford.	101,150	205	9	50	128	13.0	14	5	14.8						1	1				1	18	30	8	13	13	1	1	4		
Huntington.	6,830	14				10.5	2	2	33.3													1	1	1	1	1	1	2	2	
Killingly.	6,082	14	3	2	9	16.1	1	1	11.1	1												1	1	1	1	1	1	4		
Manchester.	12,594	11	3	2	9	8.6	2	2	22.2			2		2								1	1	1	1	1	1	2	8	
Meriden.	31,315	63	3	12	35	13.4	4	4	11.4													1	1	1	1	1	1	3	4	
Middletown.	19,310	25	1	12	41	12.4	5	1	14.6													1	1	1	1	1	1	1	10	
Naugatuck.	14,000	26			6	17	14.5	4	23.5		1	1		1								1	1	1	1	1	1	7	12	
New Britain.	35,560	123	5	16	54	17.8	20	3	42.5													1	1	1	1	1	1	5	12	
New Haven.	125,620	307	18	79	187	17.1	27	13	21.3		2	4	1	1	1	1						1	1	1	1	1	1	3	12	
New London.	20,580	41	3	18	29	16.3	1	1	3.4													1	1	1	1	1	1	1	2	12
New Milford.	5,513	13				4.3																1	1	1	1	1	1	1	6	10
Norwalk.	21,680	45	4	13	34	18.8	4	3	20.5													1	1	1	1	1	1	1	1	5
Norwich.	25,910	48	5	21	28	12.0	3	1	14.2			3										1	1	1	1	1	1	1	1	11
Orange.	8,960	10	1	1	12	16.0	1	1	16.6													1	1	1	1	1	1	1	1	1
Plainfield.	5,010	11		3	9	21.5	2	2	22.2													1	1	1	1	1	1	1	1	1
Putnam.	8,010	13		4	19	28.4	4	3	36.8													1	1	1	1	1	1	1	1	1
Southington.	6,200	15		1	7	13.5	1	1	28.5													1	1	1	1	1	1	1	1	1
Stamford.	21,350	61	5	18	38	19.6	10	2	31.5													1	1	1	1	1	1	1	1	1
Stonington.	9,630	14	1	8	16	8.9	1		6.2													1	1	1	1	1	1	1	1	1
Thompson.	7,130	7		3	6	10.0	1	1	16.6													1	1	1	1	1	1	1	1	1
Torrington.	17,550	25	3	7	14	9.5	2	4	17.6													1	1	1	1	1	1	1	1	1
Vernon.	8,230	21	1	1	12	17.4	1	1	8.3													1	1	1	1	1	1	1	1	1
Wallingford.	10,935	24	1	6	8	8.7	1	1	12.5													1	1	1	1	1	1	1	1	1
Waterbury.	65,490	180	9	29	70	12.6	15	10	35.7													1	1	1	1	1	1	1	1	1
Winchester.	9,030	13		2	13	17.2	1	1	7.6													1	1	1	1	1	1	1	1	1
Windham.	10,220	22	1	6	13	15.2	1	1	7.6													1	1	1	1	1	1	1	1	1
Total of the 38 above towns.	809,396	1813	97	426	1667	15.8	170	69	22.3	4	6	23	2	19	6	3	5	1			4	120	202	32	115	93	54	378		
124 towns of less than 5,000 inhabitants	222,650	366	14	90	292	15.7	32	8	13.6		1	11			2	2	1			4	22	31	8	50	29	15	112			
Total reported from 162 towns.	1,032,046	2179	111	516	1359	15.8	202	77	20.5	4	7	34	2	23	8	5	6	1		8	142	233	40	105	122	69	490			
Population of towns not reporting.	6,200																													

The Mortality in Public Institutions of the State was: in Bridgeport, 20; in Danbury, 2; in Greenwich, 3; in Hartford, 46; in Meriden, 4; in Middletown, 23; in New Britain, 4; in New Haven, 45; in New London, 3; in Norwalk, 4; in Norwich, 3; in Stamford, 7; in Waterbury, 6; in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Ashford, Bethelham, Bolton, Bridgewater, Chaplin, Chester, Eastford, Franklin, Hebron, Lebanon, Lisbon, Middlebury, Middlefield, Newington, North Branford, North Canaan, North Haven, North Stonington, Oxford, Roxbury, Scotland, Sherman, Somers, Union, Warren, Wolcott.

—Total, 27.

The Registrars of the following towns have made no report for January: Beacon Falls, Cornwall, Easton, Hartland, Kent, Mansfield.—Total, 6.

# REMARKS.

By mortality reports received there were 1,359 deaths during the month of January. This was 50 more than in December and 198 less than in January of last year, and 130 less than the average number of deaths during January for the five years preceding.

January,	1909	1908	1907	1906	1905	1904
	1,359	1,557	1,696	1,340	1,412	1,440

The death rate was 15.8 for the large towns, for the small towns 15.7, and for the whole State 15.8. The deaths reported from infectious diseases were 226, being 16.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 4; Bridgeport, 25; Clinton, 2; Cornwall, 1; Danbury (city), 2; Danbury (town), 1; Darien, 2; Derby, 6; East Haven, 64; East Windsor, 5; Fairfield, 30; Greenwich, 4; Hamden, 19; Hartford, 2; Huntington, 3; Madison, 2; Meriden (city), 11; Meriden (town), 3; Milford, 90+; Monroe, 9; Naugatuck, 12; New Britain, 1; New Haven, 60; New Milford, 3; Newtown, 10; North Canaan, 1; North Haven, 4; Orange, 12; Salisbury, "epidemic"; Shelton (borough), 3; South Norwalk (city), 4; Stamford (city), 72; Stratford, 4; Trumbull, 2; Wallingford (town), "epidemic"; Wallingford (borough), 19; Waterbury (city), 11; Watertown, 2; West Haven (borough), 161; Windsor Locks, 1; Woodbridge, 2.—Total, 669+ in 40 towns.

**Scarlet Fever.**—Ansonia, 2; Bridgeport, 18; Chester, 1; Columbia, 1; Darien, 5; Derby, 4; East Hartford, 2; East Windsor, 1; Ellington, 2; Enfield, 1; Glastonbury, 2; Greenwich, 8; Groton, 1; Hamden, 4; Hartford, 11; Killingly, 1; Litchfield, 1; Meriden (city), 3; Middletown, 1; Naugatuck, 1; New Britain, 1; New Haven, 33; New London, 5; North Branford, 1; Norwalk (city), 2; Norwich (city), 1; Redding, 1; Stamford (city), 5; Stonington (borough), 1; Torrington (borough), 4; Wallingford (borough), 3; Waterbury (city), 8; Westbrook, 1; Winchester, 3; Wolcott, 1; Woodstock, 1.—Total, 142 in 36 towns.

**Cerebro Spinal Fever.**—New Britain, 2.

**Diphtheria and Croup.**—Branford, 1; Bridgeport, 11; Bristol, 1; Canton, 1; Cromwell, 3; Danbury (city), 2; Derby, 1; East Haven, 1; Enfield, 9; Greenwich, 9; Hamden, 1; Hartford, 17; Huntington, 1; Meriden (city), 10; Middletown (city), 2; Naugatuck, 2; New Britain, 4; New Hartford, 2; New Haven, 36; New London, 2; North Branford, 1; North Haven, 1; North Stonington, 2; Norwalk, 1; Norwich (city), 3; Norwich (town), 1; Plainfield, 2; Putnam (city and town), 5; Rockville (city), 3; Sprague, 2; Stamford (city), 5; Sterling, 1; Suffield, 3; Torrington (borough), 3; Wallingford (borough), 2; Washington, 2; Waterbury (city), 40; Waterford, 1; Watertown, 4; Westbrook, 1; West Hartford, 1; West Haven (borough), 2; Windsor, 1; Woodstock, 2.—Total, 205 in 43 towns.

**Whooping Cough.**—Branford (town and borough), 10; Bristol, 6; Brooklyn, 1; East Haddam, "epidemic"; Hartford, 9; Killingly, 3; Manchester, 18; Middletown (city), 16; New Britain, 6; Plainville, 1; Plymouth, 1; Rocky Hill, 33; Stamford (city), 1.—Total, 104+ in 13 towns.

**Typhoid Fever.**—Bethel, 1; Bridgeport, 3; Bristol, 3; Cromwell, 1; Danielson (borough), 1; Derby, 1; Hamden, 1; Hartford, 2; Huntington, 1; Killingly, 1; Middletown (city), 2; Middletown (town), 1; Milford, 2; New Haven, 2; Norwalk, 1; Old Saybrook, 1; Portland, 1; South Norwalk (city), 1; Torrington (borough), 1; Wallingford (borough), 1; Waterbury (city), 2.—Total, 30 in 20 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 8; Bristol, 3; Guilford, 1; Hamden, 2; Hartford, 13; Jewett City (borough), 1; Killingly, 1; Manchester, 1; Meriden (city), 1; Middletown (city), 2; Naugatuck, 2; New Britain, 4; New Haven, 21; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 2; Rockville (city), 2; Salisbury, 5; Shelton (borough), 2; Huntington, 1; Stamford (city), 1; Washington, 1; Waterbury (city), 10; Wethersfield, 1; Willimantic (city), 1.—Total, 90 in 26 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canterbury, Chaplin, Chatham, Cheshire, Colchester, Colebrook, Coventry, Durham, Eastford, East Granby, East Lyme, Easton, Essex, Farmington, Franklin, Goshen, Griswold, Groton (borough), Haddam, Hampton, Hartland, Harwinton, Hebron, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Middlefield, Montville, Morris, New Canaan (town and borough), New Fairfield, Newton, Norfolk, Old Lyme, Oxford, Pomfret, Preston, Prospect, Roxbury, Salem, Saybrook, Scotland, Seymour, Sharon, Sherman, Simsbury, Somers, Southbury, Stafford, Stafford Springs (borough), Stonington, Thomaston, Thompson, Tolland, Torrington, Union, Vernon, Voluntown, Warren, Weston, Westport, Willington, Wilton, Windham, Winsted (borough), Woodbury.—Total, 85.

All the Health Officers of New Haven, New London, Windham, Litchfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following Counties have not reported:

HARTFORD Co.—Berlin, Granby, South Windsor.

FAIRFIELD Co.—Ridgefield (town and borough).

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—South Windsor, 1.

**La Grippe.**—Clinton, 1; Milford, 2; New Canaan, 1; Seymour, 1; Sprague, 1; Suffield, 1; Thomaston, 1; Watertown, 1; Wethersfield, 1; Willington, 1.—Total 11.

**Diphtheria and Croup.**—Watertown, 2; Woodstock, 2.

**Whooping Cough.**—Berlin, 1; Windsor, 1.

**Typhoid Fever.**—Milford, 1.

**Consumption.**—Avon, 1; Barkhamsted, 1; Bethel, 1; Brooklyn, 1; Cheshire, 1; Cromwell, 1; Darien, 1; East Lyme, 1; Haddam, 1; Milford, 1; New Canaan, 2; Preston, 1; Salisbury, 1; Stratford, 2; Trumbull, 1; Washington, 1; West Hartford, 2; Wethersfield, 1; Willington, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	23	51	5	..	79
release.....	16	26	..	..	42
Tuberculosis.....	40	82	..	..	122
Typhoid Fever.....	7	23	..	..	30
Rabies.....	..	..	..	..	..
Malaria.....	1	8	..	..	9

Total specimens examined.....	282
Samples of oysters examined.....	14
"    " milk analyzed.....	76
"    " water.....	29
"    " illuminating oil tested.....	5

## THE HEALTH OF THE STATE.

The state continues to enjoy exceptionally good health, considering the season of the year. The death rate for the month of January is about twelve per cent. lower than during the corresponding month of last year, and nine per cent. lower than the average for the past five years.

The most gratifying feature of the month's report is the decline in deaths from the impure air diseases, pneumonia, consumption, and bronchitis, there being about forty less deaths from these diseases than in January a year ago. This would seem to indicate that the campaign for better ventilation is producing some result, and that the practice of ventilation is becoming more general, yet there is still room for great improvement. Those who are occupying hot, stuffy living and working quarters run great risk of contracting lung diseases, and should know that an abundant supply of pure fresh air is the most powerful agent for the prevention of these diseases. When the weather is cold we should keep our bodies warm by clothing them properly and not by shutting out the fresh pure air.

One of the crying needs of the present day is better ventilation for our steam and trolley cars. No perfect system for the ventilation of these cars appears to have been yet devised, but conditions could be improved by more attention to the ventilators now in use. Some of the interurban trolleys are particularly bad in their ventilation, and conductors could to advantage be instructed to pay some attention to this matter. The practice of allowing passengers to enter or leave a car by either the front or rear door aids better to keep up a circulation of pure air than when only one exit is used. Passengers also should learn not to object to a little draft, but should remember that this draft will not injure them as much as breathing over and over again the stale air in a crowded car.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, February 15, 1909.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	31	22	26	0	Partly Cloudy	0.0	Mean..... 30.14; highest..... 30.76; date 13	Lowest..... 29.09; date 30
2	34	19	26	0	Clear	0.0	TEMPERATURE.	
3	43	29	36	.02	Cloudy	0.0	Highest..... 56°; date 22; lowest..... -2°; date 19	Greatest daily range..... 32°; date 6
4	50	38	44	.01	Cloudy	0.0	Least daily range..... 6°; date 10	
5	56	39	48	1.02	Cloudy	0.0	MEAN FOR THIS MONTH IN	
6	54	22	38	.01	Cloudy	0.0	1905.. 23° 1906.. 31° 1907.. 26° 1908.. 29° 1909.. 29°	
7	22	13	18	T	Cloudy	T	Mean of this month for 5 years..... 28	Absolute maximum for this month for 5 years..... 62
8	24	8	16	0	Partly Cloudy	0.0	Absolute minimum for this month for 5 years..... -9	Average daily excess of this month as compared with mean of 5 years..... 0.8
9	34	16	25	0	Cloudy	0.0	Accumulated excess since January 1..... 25°	Average daily excess since January 1..... 0.8
10	40	34	37	.03	Cloudy	T	PRECIPITATION.	
11	46	34	40	T	Cloudy	0.0	Total this month..... 2.80	Snowfall..... 9.4
12	34	21	28	.12	Cloudy	0.1	Greatest precipitation in 24 hours 1.03, date..... 5-6	Snow on the ground at end of month..... 4.2
13	21	11	16	.05	Partly Cloudy	0.5	TOTAL PRECIPITATION THIS MONTH IN	
14	30	15	22	.30	Cloudy	0.8	1905.. 4.64 1906.. 2.69 1907.. 2.94 1908.. 3.47 1909.. 2.80	
15	41	25	33	0	Partly Cloudy	0.0	Average of this month for 5 years..... 3.31	Deficiency (—) of this month as compared with average of 5 years 0.51
16	25	8	16	.11	Cloudy	1.4	Accumulated deficiency (—) since January 1..... 0.51	
17	29	13	21	.40	Cloudy	2.0	WIND.	
18	29	3	16	T	Clear	T	Prevailing direction..... N	Total movement..... 6,319 miles
19	24	-2	11	T	Cloudy	T	Average hourly velocity..... 8.5	Maximum velocity (for five minutes) 32 miles per hour, from NW on 26th.
20	40	19	30	0	Clear	0.0	WEATHER.	
21	45	20	32	0	Partly Cloudy	0.0	Number of clear days..... 4	Partly cloudy..... 8
22	56	34	45	0	Partly Cloudy	0.0	Cloudy..... 19	On which .01 inch, or more, of precipitation occurred..... 15
23	45	35	40	.10	Cloudy	0.0	MISCELLANEOUS PHENOMENA (dates of).	
24	38	30	34	.10	Cloudy	0.0	Auroras..... None	Halos, solar..... None
25	41	30	36	T	Cloudy	0.0	Halos, lunar..... 31	Hail..... None
26	41	28	34	0	Partly Cloudy	0.0	Sleet..... 12, 17	Fog..... 5, 6, 23, 24
27	41	26	34	.03	Cloudy	0.3	Thunderstorms..... None	*Frosts: light..... ; heavy..... ; killing.....
28	34	21	28	0	Clear	0.0		
29	34	18	26	.39	Cloudy	3.5		
30	32	21	26	.11	Cloudy	0.8		
31	27	7	17	0	Partly Cloudy	0.0		
Mean	36.8	21.2	29.0	2.80				

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the towns of more than 5,000 inhabitants, for the Month of February, 1909, and a Statement of the Births and Marriages for the Month of January, 1909.

Total estimated population of the State, 1,038,240.

TOWNS.		Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths	Representing Annual Death Rate	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 10 years total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	-----	14,550	42	1	22	18	14.8	5	2	38.8	---	---	1	---	---	---	---	---	---	---	---	---	---	---	1	4	---	---	---	---	12	
Brandon.	-----	6,700	14	7	3	5.3	2	5	1	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Bridgeport.	-----	88,700	199	11	81	117	15.2	24	6	25.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19	
Bristol.	-----	11,450	24	7	12	12.5	3	4	2	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
Danbury.	-----	19,475	47	15	32	19.7	2	4	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	
Derby.	-----	9,500	18	2	15	15.1	9	9	75.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
East Hartford.	-----	7,666	13	2	4	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Enfield.	-----	6,300	19	2	9	10.19	4	2	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Fairfield.	-----	5,000	8	1	5	12.0	1	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Greenwich.	-----	13,800	22	13	19	16.5	5	5	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
Groton.	-----	6,300	20	1	8	15.1	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Hamden.	-----	5,220	6	3	4	9.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Hartford.	-----	101,150	156	6	79	121	12.2	22	6	23.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	
Huntington.	-----	6,830	13	2	6	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Killingly.	-----	6,082	10	1	8	14.25	1	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Manchester.	-----	12,594	14	6	13	12.4	2	2	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Meriden.	-----	31,315	57	4	14	40.14	9	4	4	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57	
Middletown.	-----	19,310	48	2	17	32	9.9	4	1	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
Naugatuck.	-----	14,000	33	2	8	11	9.4	3	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
New Britain.	-----	35,560	133	5	41	39	13.1	10	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	
New Haven.	-----	125,620	277	19	76	190	17.5	29	21	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21	
New London.	-----	20,580	39	3	13	26	15.1	3	1	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23	
New Milford.	-----	5,513	12	7	1	2.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Norwalk.	-----	21,680	46	1	19	30	16.0	6	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	
Norwalk.	-----	25,910	45	20	26	10.6	4	---	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Orange.	-----	8,960	11	1	12	16.0	---	---	---	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Plainfield.	-----	5,010	18	2	9	21.5	3	1	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Putnam.	-----	8,010	17	4	5	7	10.4	---	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Southington.	-----	6,200	8	1	1	6	11.6	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Stamford.	-----	21,350	52	7	21	37	19.6	6	2	21.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Stonington.	-----	9,630	20	1	5	21	26.1	6	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Thompson.	-----	7,130	10	4	4	10	16.8	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Torrington.	-----	17,560	46	1	11	21	14.3	3	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Vernon.	-----	8,230	15	2	12	17.4	3	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Wallingford.	-----	10,935	27	1	5	5	5.4	---	---	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Waterbury.	-----	65,490	196	6	38	83	14.8	23	9	38.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33	
Winchester.	-----	9,030	18	1	10	10	13.2	2	2	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Windham.	-----	10,220	24	9	11	11.7	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Total of the 38 above towns.	-----	809,396	1777	81	600	1037	15.3	196	78	26.4	---	11	5	19	4	14	5	4	1	---	3	5	7	99	163	35	87	98	46	431		
126 towns of less than 5,000 inhabitants	-----	225,236	380	12	96	269	14.3	34	8	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108
Total reported from 164 towns.	-----	1,034,632	2157	93	696	1306	15.1	230	86	24.1	---	11	5	25	5	16	5	4	3	---	3	6	8	121	203	46	130	117	59	539		
Population of towns not reporting.	-----	3,608	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 27; in Danbury, 5; in Greenwich, 5; in Hartford, 65; in Meriden, 4; in Middletown, 10; in New Britain, 3; in New Haven, 44; in New London, 3; in Norwich, 4; in Norwich, 5; in Putnam, 1; in Stamford, 1; in Waterbury, 6; in Winchester, 2; in Windham, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Avon, Berlin, Bethany, Bolton, Bozrah, Brooklyn, Canterbury, Cheshire, Chester, Eastford, East Granby, Easton, Ellington, Glastonbury, Groton, Guilford, Haddam, Hamden, Hartford, Kent, Killingworth, Litchfield, Madison, Middlebury, Morris, New Fairfield, North Branford, Old Saybrook, Plainville, Prospect, Rocky Hill, Roxbury, Shelton, Union, Voluntown, Warren, Westbrook, Westport, 35.

The Registrars of the following towns have made no report for February: Columbia, Sherman, Sterling, Tolland.—Total, 4.

# REMARKS.

By mortality reports received there were 1,306 deaths during the month of February. This was 58 less than in January and 209 less than in February of last year, and 99 less than the average number of deaths during February for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	* 1,364	1,557	1,696	1,340	1,412	1,440
February,	1,306	1,515	1,519	1,235	1,368	1,387

The death rate was 15.3 for the large towns, for the small towns 14.3, and for the whole State 15.1. The deaths reported from infectious diseases were 191, being 14.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Branford (town and borough), 2; Bridgeport, 54; Cornwall, 5; Darien, 2; Derby, 53; East Haven, 2; Fairfield, 10; Greenwich (town and borough), 20; Hamden, 2; Hartford, 3; Kent, 1; Madison, 2; Meriden (city), 3; Meriden (town), 2; Milford, 43; Naugatuck (borough), 16+; New Haven, 80; New London, 2; New Milford, 1; Newtown, 15; North Canaan, 1; North Haven, 4; Norwalk (city), 1; Orange, 8; Ridgefield, 6; Saybrook, 12; Shelton (borough), 8; Simsbury, 1; Southbury, 1; South Norwalk (city), 3; Stamford (city), 174; Stamford (town), 17; Stonington, 1; Stratford, 12; Torrington (borough), 10; Wallingford (borough), 15; Waterbury (city), 2; West Haven (borough), 175; Windham, 11; Woodbridge, 2.—Total, 783+ in 39 towns.

**Scarlet Fever.**—Ansonia, 9; Avon, 1; Bridgeport, 3; Colchester, 1; Danbury (city), 6; Darien, 1; Derby, 1; East Windsor, 3; Ellington, 2; Enfield, 1; Fairfield, 2; Glastonbury, 1; Greenwich (town and borough), 22; Hamden, 1; Hartford, 4; Middletown (city), 2; New Haven, 24; New London, 1; Norwalk (city), 4; Norwalk (town), 1; Norwich (city), 1; Plainfield, 11; Plymouth, 2; Rockville (city), 3; Roxbury, 1; Seymour, 1; Stamford (city), 5; Stamford (town), 2; Stonington, 2; Torrington (borough), 2; Wallingford (borough), 4; Waterbury (city), 2; Westbrook, 2; Woodbridge, 1.—Total, 129 in 32 towns.

**Cerebro Spinal Fever.**—Portland, 1; Southington, 1.

**Diphtheria and Croup.**—Bridgeport, 14; Brookfield, 1; East Hartford, 2; Enfield, 3; Greenwich (town and borough), 6; Groton (borough), 1; Guilford, 1; Hartford, 17; Hebron, 3; Jewett City (borough), 1; Killingly, 2; Meriden (city), 3; Middlebury, 1; Middletown (city), 1; Milford, 1; Naugatuck (borough), 2; New Britain, 4; New Haven, 44; New London, 2; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Oxford, 1; Putnam (city and town), 2; Shelton (borough), 2; Southington, 1; Stamford (city), 6; Stonington, 1; Suffield, 6; Thompson, 1; Waterbury (city), 9; Watertown, 7; West Haven (borough), 1; Willimantic (city), 1; Windsor Locks, 1. Total, 152 in 35 towns.

**Whooping Cough.**—Branford (town and borough), 8+; Bridgeport, 2; Cromwell, 2; East Haddam, "some cases"; Ellington, 1; Enfield, 4; Hartford, 5; Manchester, 18; Middletown (city), 34; Rocky Hill, 1; Seymour, 2; South Windsor, 6; Stamford (city), 1; Suffield, 1; Wethersfield, 6.—Total, 91+ in 15 towns.

**Typhoid Fever.**—Bridgeport, 2; Enfield, 1; Hamden, 1; Hartford, 1; Killingly, 1; Middletown, 1; Monroe, 1; Montville, 2; New Haven, 2; New London, 1; Newtown, 1; Orange, 1; Waterbury (city), 8.—Total, 23 in 13 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 10; East Haven, 1; East Lyme, 1; Fairfield, 1; Hartford, 14; Killingly, 2; Manchester, 2; Meriden (city), 1; Middletown (city), 2; Naugatuck (borough), 2; New Britain, 7; New Haven, 27; New London, 2; North Stonington, 1; Norwalk (city), 1; Norwich (city), 1; Portland, 1; Preston, 3; Rocky Hill, 1; Southington, 1; South Norwalk (city), 4; Stamford (city), 3; Stamford (town), 1; Waterbury (city), 7; Waterford, 1; West Haven (borough), 1; Westport, 2; Willimantic (city), 1.—Total, 105 in 29 towns.

**Typhus Fever.**—South Norwalk (city), 1.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Chatham, Cheshire, Clinton, Colebrook, Columbia, Coventry, Danbury, Danielson (borough), Durham, Eastford, East Granby, Easton, Farmington, Franklin, Goshen, Griswold, Groton, Haddam, Hampton, Harwinton, Killingworth, Lebanon, Ledyard, Litchfield (town and borough), Lyme, Mansfield, Marlborough, Middlefield, Morris, New Fairfield, New Hartford, North Branford, Norwich, Old Lyme, Plainville, Pomfret, Prospect, Redding, Ridgefield (borough), Salem, Salisbury, Scotland, Sharon, Sherman, Somers, Stafford, Stafford Springs (borough), Stonington (borough), Thomaston, Tolland, Torrington, Union, Vernon, Voluntown, Wallingford, Warren, Washington, West Hartford, Weston, Willington, Wilton, Winchester, Windsor, Winsted (borough), Wolcott, Woodbury, Woodstock.—Total, 85.

\* Five delayed certificates for January have been received since the publication of the last Bulletin.

All the Health Officers of New Haven, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Bristol, Granby, Hartland, Newington.

NEW LONDON Co.—Lisbon, Sprague.

FAIRFIELD Co.—Huntington, New Canaan, Trumbull.

WINDHAM Co.—Sterling.

MIDDLESEX Co.—Chester, Essex, Old Saybrook.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Ashford, 1; Cromwell, 1; Salem, 1; Salisbury, 1; West Hartford, 1; Windsor Locks, 1.—Total 6.

**Cerebro Spinal Fever.**—Portland, 1.

**Diphtheria and Croup.**—Milford, 1; Sprague, 1.

**Typhoid Fever.**—East Haven, 1; Watertown, 1.

**Consumption.**—Bridgewater, 1; Colchester, 2; Colebrook, 1; Darien, 2; Haddam, 1; Harwinton, 1; Lebanon, 1; Marlborough, 1; Monroe, 1; North Stonington, 1; Preston, 2; Redding, 1; Salisbury, 2; Seymour, 1; Stratford, 1; Waterford, 1; Westport, 1; Windsor, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	19	30	3	..
release.....	30	23	..	..
Tuberculosis.....	27	97	..	124
Typhoid Fever.....	6	15	6	27
Rabies.....	..	..	..	..
Malaria.....	0	2	1	3
Total specimens examined.....				259
Samples of oysters examined.....				12
“ “ milk analyzed.....				70
“ “ water.....				27
“ “ illuminating oil tested.....				5

## VACCINATION.

The usual attempt is to be made at the present session of the Legislature to repeal the so-called compulsory vaccination laws. The opposition this year takes the form of a bill making it unlawful for any board of health or board of education to make vaccination a condition precedent to the attendance at any public or private school in the State of Connecticut.

The chief arguments of the anti-vaccinationist have been, that vaccination does not prevent smallpox and that it causes other diseases. In this connection, it is interesting to know the experiences of the United States Government in Porto Rico and the Philippine Islands, where vaccination had been neglected by the Spaniards. In a recently published statement of an army surgeon, it is said:

"In certain provinces of the Philippine Islands before systematic vaccination was instituted, there were 6,000 deaths annually from smallpox, but for more than a year after the completion of vaccination, there has not been a death from this disease. More than three and a half million people in the Islands have been vaccinated without a loss of life or limb, nor has there been any serious infection from vaccination. In the United States Army, vaccination being compulsory, smallpox has been a negligible quantity, although troops have been stationed throughout the Islands where the natives were thoroughly saturated with the disease. In Porto Rico, when the Army occupied the island in 1898, no systematic vaccination had been practiced by the Spaniards. The medical department immediately established vaccine farms, and 786,290 persons were vaccinated during the early part of 1899, and smallpox was eradicated from the island."

Some years ago when bovine virus was coming into use as a commercial product to take the place of the humanized virus, it was sometimes harsh in its action and produced various rashes upon the skin. With modern improvements in its manufacture and the protection afforded in this country by a strict government supervision, its purity is guaranteed, and it can not have other than a simple direct action. All laboratories producing it must be licensed and are subject to inspection by the Hygienic Laboratory of the Public Health and Marine Hospital Service at Washington, and bacteriological examinations are constantly being made by this laboratory of virus purchased in the open market all over the country.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 15, 1909.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snowfall. 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	14	1	8	0	Clear	0.0	29.96	30.43	date 23
2	34	9	22	0	Partly Cloudy	0.0	29.08		date 20
3	25	15	20	0	Partly Cloudy	0.0			
4	33	6	20	0	Cloudy	0.0			
5	52	30	41	0	Cloudy	0.0			
6	56	35	46	.02	Cloudy	0.0			
7	37	29	33	0	Cloudy	0.0			
8	43	28	36	0	Partly Cloudy	0.0			
9	30	16	23	.02	Cloudy	0.2			
10	55	21	38	1.22	Cloudy	0.1			
11	33	26	30	T	Partly Cloudy	T			
12	39	24	32	0	Clear	0.0			
13	54	36	45	.03	Partly Cloudy	0.0			
14	40	29	34	.32	Cloudy	T			
15	32	28	30	.12	Cloudy	0.0			
16	32	25	28	.56	Cloudy	0.0			
17	32	24	28	.11	Partly Cloudy	T			
18	35	24	30	T	Partly Cloudy	T			
19	51	26	38	.88	Cloudy	0.0			
20	52	40	46	.33	Cloudy	0.0			
21	43	35	39	.02	Clear	0.4			
22	50	23	36	.05	Partly Cloudy	0.9			
23	44	28	36	.50	Cloudy	T			
24	40	35	38	1.27	Cloudy	0.0			
25	41	20	30	.01	Partly Cloudy	T			
26	35	17	26	0	Clear	0.0			
27	49	29	39	.01	Cloudy	0.0			
28	39	23	31	T	Partly Cloudy	T			
Mean	40.0	24.4	32.2	5.47					

## TEMPERATURE.

Highest..... 56°; date 6; lowest..... 1°; date 1  
Greatest daily range..... 34°; ..... date 10  
Least daily range..... 4°; ..... date 15

## MEAN FOR THIS MONTH IN

1905.. 21° 1906.. 28° 1907.. 20° 1908.. 24° 1909.. 32°  
Mean of this month for 5 years..... 25  
Absolute maximum for this month for 5 years..... 56  
Absolute minimum for this month for 5 years..... -6  
Average daily excess of this month as compared with mean of 5 years..... 7.2  
Accumulated excess since January 1..... 227°  
Average daily excess since January 1..... 3.8

## PRECIPITATION.

Total this month ..... 5.47  
Snowfall ..... 1.6  
Greatest precipitation in 24 hours 1.39, date..... 23-24  
Snow on the ground at end of month ..... 0

## TOTAL PRECIPITATION THIS MONTH IN

1905.. 1.79 1906.. 2.30 1907.. 2.48 1908.. 4.98 1909.. 5.47  
Average of this month for 5 years..... 3.40  
Excess of this month as compared with average of 5 years..... 2.07  
Accumulated excess since January 1..... 2.58

## WIND.

Prevailing direction..... NW  
Total movement ..... 6,064 miles  
Average hourly velocity..... 9.0  
Maximum velocity (for five minutes) 42 miles per hour, from S on 10th.

## WEATHER.

Number of clear days ..... 4  
Partly cloudy ..... 10  
Cloudy ..... 14  
On which .or inch, or more, of precipitation occurred ..... 16

## MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... None  
Halos, solar ..... None  
Halos, lunar ..... 3  
Hail ..... None  
Sleet ..... 10, 14  
Fog ..... 10, 22  
Thunderstorms ..... None  
\*Frosts: light..... ; heavy..... ; killing.....

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1909,  
and a Statement of the Births and Marriages for the Month of February, 1909.

Total estimated population of the State, 1,038,240.

TOWNS.		Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia.	14,550	27	3	14	20	16.4	4	9	---	---	4	---	---	---	---	---	---	---	---	---	---	---	1	2	2	3	1	1	9		
Branford.	6,700	10	---	---	8	14.3	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Bridgeport.	88,700	194	9	98	117	15.4	19	7	22.2	3	---	---	---	---	---	---	---	---	---	---	2	10	12	2	7	10	7	59	---		
Bristol.	11,450	22	6	11	11.5	2	6	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Danbury.	19,475	38	15	35	19.7	7	1	22.8	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Derby.	9,500	19	16	11	13.8	3	1	36.3	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
East Hartford.	7,966	7	---	1	9	13.5	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Enfield.	6,300	21	12	12	22.8	7	1	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Fairfield.	5,000	5	---	---	7	16.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Greenwich.	13,800	13	15	42	36.5	12	3	35.7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Groton.	6,300	9	---	1	10	19.0	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden.	5,220	6	---	1	4	9.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford.	101,150	194	7	---	137	13.8	19	7	18.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Huntington.	6,830	11	---	7	12.3	2	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly.	6,082	20	---	7	12	21.5	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester.	12,504	20	---	5	13	12.4	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden.	31,315	44	2	12	38	14.5	5	4	23.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown.	19,310	37	3	14	42	11.1	2	3	11.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck.	14,000	19	---	11	22	18.6	6	3	40.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain.	35,560	114	5	55	41	13.8	11	1	20.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven.	125,620	293	16	91	190	17.0	32	20	27.3	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New London.	20,580	36	2	12	28	15.7	7	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford.	5,513	7	---	4	4	8.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk.	21,680	41	4	12	37	20.4	5	2	18.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich.	25,910	49	1	19	45	21.2	8	4	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange.	8,960	12	---	1	16	21.4	2	3	31.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield.	5,010	12	3	4	8	19.1	2	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Punam.	8,010	13	---	3	13	16.4	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington.	6,200	14	1	1	6	11.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford.	21,350	57	3	11	63	34.2	9	15	38.0	9	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington.	9,630	17	---	3	14	17.4	3	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson.	7,130	18	---	1	9	15.1	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington.	17,580	33	3	15	22	15.9	5	5	45.4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon.	8,230	15	---	5	9	13.1	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallford.	10,935	23	---	8	9	9.8	3	2	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury.	65,400	182	6	52	110	19.7	24	5	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester.	9,030	14	---	4	11	14.6	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham.	10,220	20	---	13	22	24.6	4	2	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 38 above towns.	809,396	1,686	74	545	1,214	17.9	228	103	27.2	---	29	10	24	5	18	7	4	13	1	3	6	1	115	178	33	112	123	53	479		
123 towns of less than 5,000 inhabitants	219,964	295	12	95	348	18.9	41	10	14.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 161 towns.	1,029,360	1,981	86	640	1,562	18.2	269	113	24.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting.	8,880	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 39; in Danbury, 4; in Greenwich, 7; in Hartford, 68; in Meriden, 4; in Middletown, 27; in New Britain, 4; in New Haven, 59; in New London, 2; in Norwalk, 3; in Norwich, 9; in Putnam, 2; in Stamford, 8; in Waterbury, 13; in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Bolton, Bozrah, Bridgewater, Cheshire, Colebrook, Eastford, Easton, Lisbon, Marlborough, Middlebury, Morris, Newington, Prospect, Ridgefield, Roxbury, Salem, Trumbull, Warren, Willington. —Total, 10.

The Registrars of the following towns have made no report for March: Haddam, Harwinton, Kent, Ledyard, Madison, Sherman, Westbrook. —Total, 7.

# REMARKS.

By mortality reports received there were 1,562 deaths during the month of March. This was 251 more than in February and 106 more than in March of last year, and 38 more than the average number of deaths during March for the five years preceding.

	1906	1908	1907	1906	1905	1904
January,	* 1,366	1,557	1,696	1,340	1,412	1,440
February,	* 1,311	1,515	1,519	1,235	1,368	1,387
March,	1,562	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,239	4,528	4,787	4,064	4,357	4,352

The death rate was 17.9 for the large towns, for the small towns 18.9, and for the whole State 18.2. The deaths reported from infectious diseases were 259, being 16.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 8; Bethel (borough), 2; Branford (town and borough), 2; Bridgeport, 56; Bridgewater, 1; Burlington, 1; Chester, 2; Darien, 9; Derby, 35; Enfield, 15; Essex, 5; Fairfield, 15; Greenwich (town and borough), 62; Groton (borough), 1; Hamden, 18; Hartford, 4; Harwinton, 1; Huntington, 3; Kent, 2; Litchfield, 1; Madison, 2; Meriden (city), 5; Milford, 2; Naugatuck (borough), 12; New Canaan (town and borough), 8; New Haven, 146; New London, 6; Newtown, 1; North Branford, 1; North Canaan, 1; North Haven, 3; Norwalk (city), 15; Norwalk (town), 1; Norwich (city), 2; Orange, 9; Ridgefield (town), 8; Ridgefield (borough), 1; Saybrook, 113; Seymour, 16; Shelton (borough), 30; Southbury, 1; South Norwalk (city), 2; Stamford (city), 214; Stamford (town), 37; Stratford, 48; Suffield, 47; Torrington (borough), 40; Trumbull, 1; Wallingford (borough), 3; Waterbury (city), 3; West Haven (borough), 141; Winchester, 3; Windham, 10; Windsor Locks, 15; Winsted (borough), 55; Woodbridge, 20.—Total, 1,251 in 53 towns.

**Scarlet Fever.**—Ansonia, 2; Bridgeport, 18; Bristol, 1; Chatham, 2; Danbury (city), 9; Danbury (town), 1; Derby, 2; East Windsor, 2; Ellington, 2; Greenwich (town and borough), 8; Hartford, 7; Hebron, 1; Huntington, 1; Litchfield, 1; Manchester, 1; Mansfield, 1; Meriden (city), 1; Middletown (city), 2; Middletown (town), 1; Milford, 2; Naugatuck (borough), 1; New Canaan (town and borough), 4; New Haven, 20; Newington, 1; New London, 3; New Milford, 1; North Haven, 1; Norwalk (city), 7; Norwich (city), 6; Plainfield, 7; Portland, 2; Ridgefield, 1; Seymour, 1; Shelton (borough), 3; Southington, 1; Sprague, 1; Stamford (city), 7; Stamford (town), 2; Sterling, 1; Stonington, 2; Stratford, 2; Suffield, 1; Wallingford, 3; Westbrook, 2; West Haven (borough), 2; Winsted (borough), 7.—Total, 154 in 43 towns.

**Cerebro Spinal Fever.**—Greenwich, 1; New Britain, 1; Waterbury (city), 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 1; Bridgeport, 18; Bristol, 2; Danbury (city), 1; Derby, 1; East Haddam, 1; Greenwich, 1; Groton (borough), 1; Guilford, 1; Hamden, 2; Hartford, 26; Jewett City (borough), 6; Meriden (city), 7; Meriden (town), 2; Middletown (city), 5; Middletown (town), 1; Naugatuck (borough), 1; New Britain, 2; New Canaan, 1; New Haven, 24; New Milford, 1; Norwich (city), 2; Norwich (town), 1; Plainfield, 1; Plainville, 1; Plymouth, 1; Portland, 4; Putnam, 1; Rocky Hill, 1; Seymour, 1; Shelton (borough), 1; Simsbury, 1; Southington, 2; Stamford (city), 9; Stratford, 1; Suffield, 3; Torrington (borough), 1; Trumbull, 1; Waterbury (city), 21; Watertown, 6; West Haven (borough), 2; Willimantic (city), 1; Windsor Locks, 12.—Total, 180 in 41 towns.

**Whooping Cough.**—Branford (town and borough), 4+; Chatham, 3; Danielson (borough), "epidemic"; East Haddam, "some cases," Essex, 2; Hartford, 4; Huntington, 22; Killingly, "epidemic"; Manchester, 25; Middletown (city), 36; New London, 1; Rockville (city), 1; Rocky Hill, 4; Seymour, 4; Shelton (borough), 1; Simsbury, 4; South Windsor, 8; Stamford (city), 3; Stamford (town), 9; Suffield, 2; Wethersfield, 10; Windsor Locks, 3.—Total, 146+ in 21 towns.

**Typhoid Fever.**—Bridgeport, 3; Enfield, 1; Greenwich, 1; Hartford, 6; Mansfield, 1; New Britain, 1; New Haven, 5; Newtown, 1; North Canaan, 2; Norwalk (city), 1; Prospect, 1; Putnam, 4; Rocky Hill, 1; Stonington (borough), 1; Waterbury (city), 4; Waterford, 1; Westport, 1; Wolcott, 1.—Total, 36 in 18 towns.

**Consumption.**—Ashford, 1; Berlin, 1; Bozrah, 2; Branford, 1; Bridgeport, 13; Bristol, 1; Brooklyn, 2; Danielson (borough), 1; Derby, 2; East Lyme, 1; Hamden, 1; Hartford, 14; Manchester, 3; Middlefield, 1; Middletown (city), 2; Naugatuck (borough), 2; New Britain, 8; New Britain (town and borough), 3; New Haven, 34; New London, 1; North Canaan, 1; Norwalk (city), 1; Norwalk (town), 1; Plainfield, 1; Simsbury, 4; South Norwalk (city), 2; Stamford (city), 6; Thompson, 1; Wallingford (borough), 1; Waterbury (city), 15; West Haven (borough), 1; Willimantic (city), 4.—Total, 132 in 31 towns.

\* Two delayed certificates for January and five for February have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of seventy-six towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Colchester, Salem.

FAIRFIELD Co.—Wilton.

LITCHFIELD Co.—Woodbury.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Ellington, 1; New Canaan, 1; Portland, 1.

**La Grippe.**—Andover, 1; East Lyme, 1; Hebron, 1; New Hartford, 1; Plymouth, 2; Redding, 1; Seymour, 1; Somers, 1; Stafford, 1; West Hartford, 1.—Total, 11.

**Diphtheria and Croup.**—Portland, 1; Watertown, 2; Wolcott, 1.

**Whooping Cough.**—Windsor Locks, 2.

**Typhoid Fever.**—Darien, 1; Stratford, 1.

**Consumption.**—Brooklyn, 1; Cromwell, 1; East Haven, 1; East Lyme, 2; Hartland, 1; Mansfield, 1; Middlefield, 2; New Canaan, 1; New Fairfield, 1; North Canaan, 1; Rocky Hill, 1; Salisbury, 1; Westport, 2.—Total, 16.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	36	58	3	..
release.....	25	33	..	..
Tuberculosis.....	47	136	..	..
Typhoid Fever.....	13	23	1	..
Rabies.....	..	1	..	..
Malaria.....	0	3	1	..

Total specimens examined.....	380
Samples of oysters examined.....	11
" " milk analyzed.....	84
" " water.....	34
" " illuminating oil tested.....	4

## CLEAN UP.

The springtime is here, the season when the rubbish heap, the manure pile and other filthy accumulations of the winter should go. If you wish to make a real contribution to the comfort and welfare of your community, you should clean up your premises and report to the Health Department your neighbor who does not. Flies breed in rubbish, especially in horse manure and garbage. The tin cans and broken vessels, which perchance may contain a little rain water, are excellent breeding places for mosquitoes. Flies and mosquitoes are not only a nuisance, but also carriers of disease; the former of typhoid fever, the latter of malaria. Get rid of the breeding places and you will get rid of flies and mosquitoes.

Clean up and do it now, before these insects have an opportunity to breed their spring families, which increase by the addition of many generations as the summer advances.

## TO PHYSICIANS.

The State Department of Vital Statistics is required to send a transcript of all death certificates returned to it, to the Census Bureau at Washington, and in order to meet the requirements of the Government, as well as to improve our statistics, a more exact statement of the causes of death than is sometimes given is necessary. In case of violent deaths, in addition to the cause the return should state whether death was due to suicide, homicide, or accident, and if the last, the kind of accident. In the return of a cancer or tumor of any kind, the seat of the disease should be stated in each instance. A death reported from surgical shock, surgical operation, etc., should invariably state the cause for the relief of which the operation was performed. Asthenia, heart failure, dropsy, etc., are not accepted, unless the condition causing the result is stated. Physicians are requested to observe these requirements.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation, (In inches and hundredths.)	Character of Day.	Snowfall, 8 P. M. to 8 P. M.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	38	17	28	.10	Clear	1.0	29.82	30.40	12
2	48	29	38	.28	Cloudy	0.0	28.90		25
3	36	30	33	T	Cloudy	0.0			
4	31	24	28	.50	Cloudy	5.0			
5	26	19	22	T	Clear	T			
6	38	17	28	0	Clear	0.0			
7	39	28	34	.01	Cloudy	0.1			
8	41	30	36	0	Clear	0.0			
9	34	26	30	.25	Cloudy	0.0			
10	47	32	40	.26	Cloudy	0.0			
11	42	29	36	T	Partly Cloudy	T			
12	43	28	36	0	Clear	0.0			
13	43	33	38	.01	Cloudy	T			
14	42	33	38	T	Cloudy	0.0			
15	39	28	34	T	Clear	T			
16	40	24	32	T	Partly Cloudy	T			
17	38	26	32	.06	Partly Cloudy	0.1			
18	38	25	32	0	Clear	0.0			
19	45	24	34	.15	Partly Cloudy	0.9			
20	40	30	35	.05	Partly Cloudy	0.7			
21	43	25	34	0	Clear	0.0			
22	30	22	29	0	Clear	0.0			
23	45	28	36	0	Clear	0.0			
24	54	28	41	0	Clear	0.0			
25	55	36	46	1.62	Cloudy	0.0			
26	40	33	36	0	Cloudy	0.0			
27	53	29	41	T	Cloudy	0.0			
28	46	33	40	.35	Cloudy	0.5			
29	46	32	39	T	Partly Cloudy	T			
30	46	34	40	T	Partly Cloudy	T			
31	52	36	44	0	Clear	0.0			
Mean	42.1	28.0	35.0	3.64					

MEAN FOR THIS MONTH IN					
1905--	36°	1906--	31°	1907--	38°
1908--	37°	1909--	35°		
Mean of this month for 5 years					36
Absolute maximum for this month for 5 years					80
Absolute minimum for this month for 5 years					7
Average daily deficiency (—) of this month as compared with mean of 5 years					0.6
Accumulated excess since January 1					208°
Average daily excess since January 1					2.3

PRECIPITATION.					
Total this month					3.64
Snowfall					8.6
Greatest precipitation in 24 hours					1.62, date
Snow on the ground at end of month					0

TOTAL PRECIPITATION THIS MONTH IN					
1905--	3.35	1906--	5.02	1907--	1.33
1908--	3.06	1909--	3.64		
Average of this month for 5 years					3.28
Deficiency (—) of this month as compared with average of 5 years					0.36
Accumulated excess since January 1					2.32

WIND.	
Prevailing direction	NW
Total movement	6,793 miles
Average hourly velocity	9.1
Maximum velocity (for five minutes)	46 miles per hour, from E on 25th.

WEATHER.	
Number of clear days	12
Partly cloudy	7
Cloudy	12
On which .or inch, or more, of precipitation occurred	12

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	21
Halos, solar	None
Halos, lunar	1, 28
Hail	None
Sleet	None
Fog	10
Thunderstorms	10
*Frosts: light. ; heavy. ; killing	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1909,  
and a Statement of the Births and Marriages for the Month of March, 1909.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in Mar.	Still Births in Mar.	Marriages in Mar.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,550	38	3	3	15	12.3	5	3	53.3	—	—	—	—	—	1	—	—	—	—	—	—	4	—	2	—	1	1	6
Branford, .....	6,700	9	1	1	5	8.9	1	—	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	
Bridgeport, .....	88,700	101	13	34	110	14.6	19	14	30.0	2	3	1	—	2	1	—	—	—	—	3	19	12	—	4	7	9	47	
Bristol, .....	11,450	24	1	3	18	18.8	4	1	27.7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	
Danbury, .....	19,475	50	4	16	30	18.4	2	—	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11	
Derby, .....	9,500	25	2	1	11	13.8	3	—	27.2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	
East Hartford, .....	7,966	15	2	1	10	15.0	3	—	30.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Enfield, .....	6,300	17	1	5	19	36.1	1	3	21.0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Fairfield, .....	5,000	9	—	—	3	7.2	1	1	66.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Greenwich, .....	13,800	22	1	7	24	20.5	3	2	20.8	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Groton, .....	6,300	8	—	3	15	28.5	—	1	33.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Hamden, .....	5,220	14	—	—	6	13.7	1	1	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Hartford, .....	101,150	169	9	37	166	16.1	14	6	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	67	
Huntington, .....	6,830	12	1	4	7.0	1	1	2	27.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Killingly, .....	6,082	9	1	2	11	19.7	1	1	25.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Manchester, .....	12,504	20	—	3	8	7.6	1	—	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	
Meriden, .....	31,315	57	1	6	40	11.7	4	1	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Middletown, .....	19,310	34	1	7	42	13.0	6	1	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	
Middlebury, .....	14,000	23	4	—	18	15.4	4	—	22.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18	
Naugatuck, .....	35,500	112	7	14	33	10.7	9	4	39.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
New Britain, .....	125,620	273	9	66	222	19.9	38	23	27.4	4	5	1	—	3	1	—	—	—	—	—	—	—	—	—	—	—	13	
New Haven, .....	20,580	47	3	10	31	17.4	6	1	22.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16	
New London, .....	5,513	8	—	13	8	17.4	2	—	25.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	
Norwalk, .....	21,080	37	1	4	29	16.0	7	1	27.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17	
Norwich, .....	25,910	51	3	5	53	23.5	6	1	13.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Orange, .....	8,960	17	1	2	11	14.7	1	2	27.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Plainfield, .....	5,040	18	1	3	7	16.7	1	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	
Putnam, .....	8,010	17	—	2	10	11.9	3	—	30.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	
Southampton, .....	6,200	15	1	1	5	9.6	1	—	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	
Stamford, .....	21,350	49	2	15	51	28.6	7	9	31.3	5	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	
Stonington, .....	9,630	23	2	—	11	13.7	1	—	9.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Thompson, .....	7,130	5	—	—	9	15.1	1	2	33.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Torrington, .....	17,580	43	3	—	1	7.5	3	2	45.4	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Vernon, .....	8,230	14	2	1	5	7.2	1	—	20.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Wallingford, .....	10,935	29	—	—	14	15.3	3	1	28.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	
Waterbury, .....	65,499	181	6	14	95	17.2	26	10	37.8	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	45	
Winchester, .....	9,030	17	2	3	13	15.9	3	2	38.1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	
Windham, .....	10,220	19	1	9	24	25.8	3	1	16.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	9	
Total of the 38 above towns, .....	809,396	1721	88	292	1197	17.7	196	94	24.2	21	12	14	1	13	8	4	6	—	—	2	11	120	180	34	111	114	54	486
126 towns of less than 5,000 inhabitants	225,214	400	17	49	296	15.7	50	13	21.2	—	5	15	1	—	3	—	1	—	—	1	1	22	35	6	43	45	16	100
Total reported from 164 towns, .....	1,034,610	2121	105	341	1493	17.3	246	107	23.6	26	13	29	2	13	11	4	7	—	—	3	12	148	215	40	154	159	79	586
Population of towns not reporting, .....	3,630	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

The Mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 3; in Greenwich, 6; in Hartford, 60; in Meriden, 3; in Middletown, 25; in New Britain, 4; in New Haven, 62; in New London, 2; in Norwalk, 6; in Norwich, 11; in Putnam, 2; in Stamford, 7; in Waterbury, 17; in Winchester, 1; and in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Ashford, Avon, Bethany, Bolton, Brookfield, Colebrook, Cornwall, Coventry, East Granby, Franklin, Haddam, Hampton, Hartland, Killingworth, Ledyard, Lisbon, Marlborough, Middlebury, Morris, New Fairfield, Newington, North Branford, Prospect, Scotland, Sherman, Sprague, Trumbull, Union, Woodbridge.—Total, 30.

The Registrars of the following towns have made no report for April: Beacon Falls, Easton, Kent, Westbrook.—Total, 4.

# REMARKS.

By mortality reports received there were 1,493 deaths during the month of April. This was 79 less than in March and 167 more than in April of last year, and 117 more than the average number of deaths during April for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,666	1,340	1,412	1,440
February,	*1,313	1,515	1,519	1,235	1,368	1,387
March,	*1,572	1,456	1,572	1,499	1,577	1,525
Total first quarter	4,251	4,528	4,757	4,064	4,357	4,352
April,	1,493	1,326	1,420	1,430	1,329	1,377

The death rate was 17.7 for the large towns, for the small towns 15.7, and for the whole State 17.3. The deaths reported from infectious diseases were 253, being 16.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 10; Avon, 1; Barkhamsted, 1; Bethel, 2; Branford, 1; Bridgeport, 34; Bristol, 4; Cheshire, 1; Chester, 18; Danbury (city), 30; Derby, 5; East Haddam, 1; East Windsor, 2; Essex " epidemic", 7; Goshen, 6; Greenwich (town and borough), 33; Groton (borough), 1; Guilford, 1; Hamden, 19+; Hampton, 2; Hartford, 2; Huntington, 10; Kent, 11; Litchfield (town and borough), 2; Manchester, 1; Meriden (city), 2; Middletown (city), 1; Milford, 4; Naugatuck (borough), 12+; New Britain, 2; New Hartford, 3; New Haven, 82; New London, 1; Newtown, 6; North Branford, 1; North Canaan, 6; Norwalk (city), 40; Norwalk (town), 6; Plainville, 1; Pomfret, 2; Redding, 2; Ridgefield (town), 3; Saybrook, 16; Seymour, 10; Sharon, 1; Shelton (borough), 6; Southington, 5; South Norwalk (city), 4; Sprague, 1; Stafford Springs (borough), 6; Stamford (city), 61; Stamford (town), 6; Stratford, 17; Suffield, 7; Torrington (borough), 12; Trumbull, 4; Washington, 1; Waterbury (city), 4; Westbrook, 1; West Haven (borough), 2; Westport, 45; Wilmington, 10; Wilton, 2; Windham, 1; Windsor Locks, 20; Winsted (borough), 188.—Total, 804+in 63 towns.

**Scarlet Fever.**—Ansonia, 1; Branford, 1; Bridgeport, 24; Chatham, 1; Danbury (city), 15; Danbury (town), 1; Darien, 1; Derby, 1; East Hartford, 3; East Windsor, 1; Fairfield, 1; Greenwich (town and borough), 7; Guilford, 2; Hamden, 2; Hartford, 15; Huntington, 1; Lebanon, 1; Manchester, 1; Mansfield, 5; Middletown (city), 2; Milford, 2; Naugatuck (borough), 2; New Britain, 1; New Haven, 33; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 1; Plainfield, 3; Putnam (town and city), 3; Ridgefield (town), 1; Rocky Hill, 1; Southington, 2; Sprague, 1; Stamford (city), 8; Stamford (town), 1; Sterling, 3; Stonington, 3; Stratford, 16; Torrington (borough), 2; Wallingford, 2; Waterbury (city), 2; West Haven (borough), 2; Weston, 2; Westport, 1; Willimantic (city), 1; Windsor, 1.—Total, 183 in 43 towns.

**Diphtheria and Croup.**—Berlin, 1; Bridgeport, 18; Danbury (city), 1; Danielson (borough), 1; Derby, 2; East Granby, 1; Enfield, 1; Fairfield, 3; Glastonbury, 1; Greenwich, 1; Guilford, 1; Hartford, 13; Jewett City (borough), 3; Killingly, 1; Lebanon, 1; Manchester, 1; Meriden (city), 3; Middletown, 1; Naugatuck (borough), 1; New Britain, 4; New Haven, 14; Plymouth, 1; Portland, 1; Putnam (town and city), 2; Redding, 1; Rocky Hill, 1; Seymour, 1; Shelton (borough), 1; Stamford (city), 9; Watertown, 1; Waterbury (city), 10; Willimantic (city), 1; Windsor Locks, 13; Winsted (borough), 1.—Total, 115 in 34 towns.

**Whooping Cough.**—Farmington, 3; Griswold, 1; Groton (borough), 6; Hartford, 5; Jewett City (borough), 25; Madison, 2; Manchester, 16; Middletown (city), 18; Newington, 2; Newtown, 1; Plainfield, 1; Pomfret, 4; Putnam (town and city), 5; Rockville (city), 10+; Shelton (borough), 3; Simsbury, 2+; South Windsor, 6; Stamford (city), 1; Stamford (town), 2; Suffield, 1; Vernon, 4; Wethersfield, 5; Windsor Locks, 2.—Total, 125+in 22 towns.

**Typhoid Fever.**—Bridgeport, 18; Bristol, 1; Cornwall, 2; Groton, 1; Hartford, 3; Middletown (city), 1; New Haven, 7; New London, 2; Newtown, 1; Norwalk (city), 2; Plainfield, 1; Putnam (town and city), 2; Stamford (city), 1; Waterbury (city), 3; Willimantic (city), 1; Woodbridge, 1.—Total, 47 in 16 towns.

**Consumption.**—Ansonia, 1; Beacon Falls, 1; Berlin, 1; Bridgeport, 20; Bristol, 1; Chester, 1; Danielson (borough), 2; Derby, 1; Fairfield, 1; Groton, 2; Hartford, 17; Madison, 1; Meriden (city), 2; Middletown (city), 2; Monroe, 1; Naugatuck (borough), 3; New Britain, 1; New Haven, 23; Norwich (city), 4; Pomfret, 1; Portland, 1; Putnam (town and city), 2; Shelton (borough), 2; Simsbury, 2; Southington, 1; South Norwalk (city), 1; Stamford (city), 4; Trumbull, 1; Wallingford (borough), 1; Waterbury (city), 11; Waterford, 1; Willimantic (city), 4; Woodstock, 1.—Total, 118 in 33 towns.

In addition to the above is a list of the towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Ashford, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Clinton, Colchester (town and borough), Colebrook, Columbia, Coventry, Cromwell, Durham, Eastford, East Haven, East Lyme, Easton, Ellington, Franklin, Haddam, Harwinton, Hebron

\*Two delayed certificates for February and ten for March have been received since the publication of the last Bulletin.

Killingworth, Ledyard, Lisbon, Lyme, Marlborough, Meriden, Middlebury, Middlefield, Montville, Morris, New Canaan (town and borough), New Fairfield, New Milford, Norfolk, North Haven, North Stonington, Norwich, Old Lyme, Old Saybrook, Orange, Oxford, Preston, Prospect, Ridgefield (borough), Roxbury, Salem, Salisbury, Scotland, Sherman, Somers, Southbury, Stafford, Stonington (borough), Thomaston, Thompson, Tolland, Torrington, Union, Voluntown, Warren, West Hartford, Winchester, Wolcott, Woodbury.—Total, 75.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Harwinton, 1; Saybrook, 1; Seymour, 1; Stratford, 1; Windsor Locks, 1.—Total, 5.

**Scarlet Fever.**—Stratford, 1.

**La Grippe.**—Andover, 1; Bozrah, 1; Chatham, 1; Cheshire, 1; East Haddam, 1; East Windsor, 1; Griswold, 1; Lebanon, 1; North Stonington, 1; Sharon, 1; Stafford, 1; Tolland, 1; Watertown, 1; Weston, 1.—Total, 14.

**Cerebro Spinal Fever.**—Weston, 1.

**Whooping Cough.**—Brooklyn, 1; Essex, 1; Stratford, 1.—Total, 3.

**Typhoid Fever.**—Newtown, 1.

**Consumption.**—Berlin, 1; Farmington, 1; Griswold, 1; Guilford, 1; Lebanon, 1; Middlefield, 1; Monroe, 1; New Canaan, 2; New Hartford, 1; Newtown, 1; Plymouth, 1; Pomfret, 1; Salisbury, 2; Saybrook, 1; Seymour, 1; Sharon, 1; Thomaston, 2; Westport, 1; Woodstock, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	22	47	7	.. 76
"    "    release.....	30	28	..	.. 58
Tuberculosis.....	51	108	..	.. 159
Typhoid Fever.....	8	14	..	.. 22
Rabies.....	..	..	..	.. 0
Malaria.....	0	9	..	.. 9
Total specimens examined.....				324
Samples of oysters examined.....				7
"    "    milk analyzed.....				79
"    "    water.....				28
"    "    illuminating oil tested.....				4

## THE RAT PROBLEM.

The Monthly Bulletin of the New York State Department of Health, in a recent issue, has the following instructive article on this problem: "The rat has been for so long looked upon as an inevitable pest that the general public regard him as part of the scheme of things and, like the poor, 'always with us.' His depredations do not apparently affect the bulk of the population, which, habitually indifferent to evils beyond its immediate notice, allows a serious danger to exist undisturbed.

The rat, however, is something more than an undesirable household pest, terrifying to the timid and apt to become a nuisance by dying and decomposing under floors and behind wainscots.

Experiment has apparently proved that the rat in confinement cannot live on a cent's worth of food a day, even if of the cheapest and bulkiest kind, and that several rats confined together in a cage and fed at this rate become mutually cannibalistic. Trichinosis and plague seen to owe their epidemic prevalence entirely to the rat, which in the former case acts as the intermediate host of the trichina spiralis, while in the case of the plague, the rat flea absorbs the plague virus from the infected rat and in turn inoculates human beings. A report of a diphtheria epidemic at the Hospital for the Insane at Middletown, Conn., indicates that the rat can be a large factor in transmitting other communicable diseases.

The most effective method of getting rid of rats seems to be the use of one of the bacteriological poisons, particularly Neumann's virus or Danysz's virus, which sets up a communicable disease among rats from which they quickly die in the open air and away from their haunts. In England whole islands and villages have been cleared of rats by distributing bread dipped in a bacteriological broth near their runs. The advantage of these poisons is that they are harmless to humanity and domestic animals.

A very interesting account of these new rat poisons and their use was printed in the January issue of *Technical World*."

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation, (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	52	34	43	0	Clear	100	30.07	30.63
2	60	31	46	.05	Partly Cloudy	75	29.63	
3	43	38	40	.04	Cloudy	0		
4	50	38	44	0	Partly Cloudy	62		
5	63	36	50	0	Partly Cloudy	74		
6	69	44	56	T	Cloudy	47		
7	76	50	63	0	Partly Cloudy	28		
8	54	41	48	0	Partly Cloudy	78		
9	46	36	41	.05	Cloudy	6		
10	41	27	34	0	Partly Cloudy	59		
11	47	23	35	0	Clear	99		
12	54	32	43	0	Partly Cloudy	64		
13	67	46	56	T	Cloudy	26		
14	61	50	56	3.57	Cloudy	0		
15	54	42	48	.45	Cloudy	6		
16	63	37	50	0	Clear	100		
17	60	42	51	0	Partly Cloudy	43		
18	62	42	52	0	Clear	95		
19	77	47	62	.05	Partly Cloudy	54		
20	60	40	50	.62	Cloudy	0		
21	52	40	46	.10	Cloudy	0		
22	68	42	55	.12	Partly Cloudy	47		
23	50	40	45	.58	Cloudy	1		
24	50	36	43	0	Clear	100		
25	52	31	42	T	Partly Cloudy	70		
26	54	41	48	0	Partly Cloudy	67		
27	55	34	44	.07	Partly Cloudy	70		
28	48	35	42	.50	Clear	84		
29	45	31	38	.50	Partly Cloudy	42		
30	39	32	36	.51	Cloudy	0		
31								
Mean	55.7	37.9	46.8	7.21				

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.07; highest 30.63; date 12
Lowest	29.63; date 7

TEMPERATURE.	
Highest	77°; date 19; lowest 23°; date 11
Greatest daily range	30°; date 19
Least daily range	5°; date 3

MEAN FOR THIS MONTH IN	
1905--48°	1906--48°
1907--44°	1908--48°
1909--47°	
Mean of this month for 5 years	47
Absolute maximum for this month for 5 years	85
Absolute minimum for this month for 5 years	22
Average daily excess (+) or deficiency (—) of this month as compared with mean of 5 years	0.0
Accumulated excess since January 1	208°
Average daily excess since January 1	1.7

PRECIPITATION.	
Total this month	7.21
Snowfall	0.7
Greatest precipitation in 24 hours 3.73, date	14, 15
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905--2.57	1906--3.53
1907--3.24	1908--2.36
1909--7.21	
Average of this month for 5 years	3.79
Excess (+) of this month as compared with average of 5 years	2.40
Accumulated excess since January 1	4.62

WIND.	
Prevailing direction	S
Total movement	7,012 miles
Average hourly velocity	9.7
Maximum velocity (for five minutes) 40 miles per hour, from S on 13th.	

WEATHER.	
Number of clear days	6
Partly cloudy	14
Cloudy	10
On which .01 inch, or more, of precipitation occurred	14

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	2, 27, 28
Halos, lunar	None
Hail	None
Sleet	None
Fog	None
Thunderstorms	19
*Frosts: light; heavy; killing	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1909





# REMARKS.

By mortality reports received there were 1,327 deaths during the month of May. This was 174 less than in April and 119 more than in May of last year, and 36 more than the average number of deaths during May for the five years preceding.

	1900	1901	1902	1903	1904	1905	1906
January,	1,366	1,557	1,606	1,340	1,412	1,440	
February,	1,313	1,515	1,519	1,235	1,368	1,387	
March,	1,572	1,456	1,572	1,489	1,577	1,525	

Total first quarter 4,251 4,528 4,787 4,064 4,357 4,352

April,	*1,501	1,326	1,420	1,430	1,329	1,377	
May,	1,327	1,208	1,329	1,404	1,199	1,317	

The death rate was 15.5 for the large towns, for the small towns 14.8, and for the whole State 15.4. The deaths reported from infectious diseases were 215, being 16.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—New Haven, 1.

**Measles.**—Ansonia, 12; Beacon Falls, 4; Bethel, 5; Branford (town and borough), 4; Bridgeport, 47; Bristol, 4; Brookfield, 6; Canton, 1; Chester, 51+; Colchester, 2; Colebrook, 1; Danbury (city), 75; Danbury (town), 40; Darien, 3; Derby, 3; East Haddam, 50+; Easton, 2; Enfield, 2; Essex "epidemic", Goshen, 2; Greenwich, 51; Hamden, 22; Hartford, 3; Harwinton, 1; Hebron, 1; Huntington, 7; Litchfield (town and borough), 6+; Middlefield, "a few"; Middletown (city), 26; Naugatuck, 10+; New Britain, 6; New Haven, 54; New London, 2; New Milford, 1; Norfolk, 2; North Canaan, 10; North Haven, 4; Norwalk (city), 50; Norwalk (town), 15; Orange, 7; Plymouth, 3; Pomfret, 19; Portland, 12+; Prospect, 2; Ridgefield, 6; Sharon, 1; Shelton (borough), 19; Simsbury, 11; Somers, 34; Southington, 5; South Norwalk (city), 12; Sprague, 1; Stafford, 1; Stafford Springs (borough), 27; Stamford (city), 12; Stamford (town), 3; Stonington (borough), 1; Stratford, 21; Thomas- ton, 3; Trumbull, 2; Warren, 1; Waterbury (city), 4; West Haven (borough), 8; Westport, 88; Willimantic (city), 2; Willington, 5; Wilton, 17; Winsted (borough), 81.—Total, 973+ in 63 towns.

**Scarlet Fever.**—Ansonia, 6; Branford (town and borough), 6; Bridgeport, 19; Burlington, 4; Canaan, 1; Canton, 6; Chatham, 1; Danbury (city), 12; Darien, 1; East Windsor, 2; Hampton, 2; Hartford, 15; Huntington, 2; Manchester, 1; Meriden (city), 3; Meriden (town), 1; Middletown (city), 3; Middletown (town), 2; Milford, 1; Naugatuck, 4; New Haven, 74; New London, 2; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 4; Norwich (town), 1; Orange, 1; Plainfield, 2; Portland, 1; Putnam (city and town), 3; Shelton (borough), 1; Southington, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 20; Stamford (town), 2; Stratford, 8; Torrington (borough), 1; Trumbull, 1; Wallingford (borough), 1; Waterbury (city), 3; West Haven (borough), 2; Westport, 1; Willimantic (city), 3; Wilton, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 233 in 40 towns.

**Cerebro Spinal Fever.**—Groton (borough), 1; New Haven, 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Berlin, 5; Bethel, 1; Bloomfield, 2; Bridgeport, 16; Bristol, 2; Danbury (city), 1; East Granby, 1; Enfield, 3; Fairfield, 1; Greenwich, 1; Hartford, 20; Killingly, 1; Meriden (city), 5; Meriden (town), 2; Middlebury, 1; Middletown (city), 3; Montville, 3; New Britain, 3; New Canaan, 1; New Hartford, 1; New Haven, 10; New London, 3; New Milford, 1; Norwich, 1; Putnam, 1; Redding, 1; Sprague, 1; Stamford (city), 2; Stonington, 1; Suffield, 1; Waterbury (city), 11; Watertown, 3; Windsor Locks, 14.—Total, 123 in 32 towns.

**Whooping Cough.**—Durham, 4; Ellington, 3; Farmington, 1; Glastonbury "epidemic", Griswold, 4; Hartford, 1; Jewett City (borough), 40; Manchester, 8; Mansfield, 1; Middletown (city), 4; New London, 2+; Newtown, 10; North Branford, 2; Putnam (city and town), 6; Rockville (city), 1; Shelton (borough), 2; Simsbury, 5+; South Windsor, 5; Stamford (city), 3; Stamford (town), 1; Stratford, 1; Suffield, 3; Willimantic (city), 13.—Total 120 in 21 towns.

**Typhoid Fever.**—Bridgeport, 1; Bristol, 2; Durham, 3; Enfield, 1; Hartford, 6; Madison, 1; Middletown (city), 1; Naugatuck, 1; New Canaan, 1; New Haven, 3; Newton, 1; New London, 8; Norfolk, 1; North Canaan, 1; Norwalk (city), 2; Plymouth, 1; Seymour, 1; Waterbury (city), 2; West Haven (borough), 1; Willimantic (city), 1; Winsted (borough), 25.—Total, 64 in 21 towns.

**Consumption.**—Ansonia, 6; Branford (town and borough), 2; Bridgeport, 8; Bristol, 1; Brooklyn, 1; Danielson (borough), 1; East Lyme, 1; Hartford, 16; Manchester, 3; Meriden (city), 1; Middlefield, 1; Middletown (city), 2; Naugatuck, 2; New Britain, 2; New Canaan, 1; New Haven, 22; New London, 1; Plymouth, 1; Portland, 1; Sharon, 1; South Norwalk (city), 1; Stamford (city), 7; Warren, 1; Waterbury (city), 12; Watertown, 3; Willimantic (city), 3.—Total, 101 in 26 towns.

In addition to the above the Health Officers of sixty-six towns report that they have not been notified of any infectious diseases.

All the Health Officers of the State have reported for the month of May.

\* Eight delayed certificates for April have been received since the publication of the last Bulletin.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Harwinton, 1; Westport, 1.  
**Scarlet Fever.**—Guilford, 1; Windsor Locks, 1.  
**La Grippe.**—Bolton, 1; East Windsor, 1; Mansfield, 1; Somers, 1; Woodbury, 1.—Total, 5.  
**Diphtheria and Croup.**—East Haddam, 1; New Canaan, 1; Redding, 1; Windsor Locks, 1.—Total, 4.  
**Whooping Cough.**—Barkhamsted, 1; Glastonbury, 2.—Total, 3.  
**Consumption.**—Avon, 1; Berlin, 1; Brooklyn, 1; Clinton, 1; Ellington, 1; Farmington, 1; Glastonbury, 1; Goshen, 2; Griswold, 2; Haddam, 1; Litchfield, 1; Middlefield, 1; Montville, 1; North Haven, 1; Plainville, 1; Plymouth, 1; Simsbury, 1; South Windsor, 1; Sprague, 1; Stratford, 1; Waterford, 2.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	9	32	3	.. 44
release.....	24	18	..	.. 42
Tuberculosis.....	37	106	..	.. 143
Typhoid Fever.....	11	17	3	.. 31
Rabies.....	..	1	..	.. 1
Malaria.....	1	3	1	.. 5
Total specimens examined.....				266
Samples of milk analyzed.....				75
"    " water.....				50
"    " illuminating oil tested.....				5

THE MILK SUPPLY OF CONNECTICUT CITIES AND TOWNS.

The attention of the Health Officers is called to the necessity of a proper inspection of the milk supply, especially during the hot summer months. It is to-day generally acknowledged that an impure milk supply is responsible for a considerable part of the intestinal troubles among children. It has frequently been assumed that while a milk inspection is needed in large cities it is not necessary in the smaller communities. During the last two years the State Laboratory has examined milk from many of the smaller cities and towns and has found that the milk furnished in these is not superior to that in the larger cities. Not only is it in many cases below the legal standard in chemical composition, but it is frequently produced and sold under indefensible conditions of carelessness and filth.

The milk that the public is buying to-day is frequently deficient in fat, is occasionally watered, is sometimes old and just ready to sour, is sometimes filled with millions of bacteria and is excessively filthy. That it occasionally distributes typhoid fever has been many times demonstrated.

These conditions are not all due to dishonesty, some are the result of ignorance and others of carelessness. A dealer thoughtlessly sells the top of a can of milk to one customer and the bottom to another, without any intention of dealing unfairly; but the result is that one customer obtains 10% of cream while the other gets only 2%. This is not an imaginary case, but is occurring every day in our towns as has been shown by the analysis of milks purchased of milkmen and sent to the laboratory for analysis. The fact is, that although there are good laws on the statute books in Connecticut the public is generally without any protection whatsoever as to the quality of milk it buys.

The reason is that in the majority of communities in the state it is no one's duty especially to attend to the matter of milk inspection. In a few places there are regularly appointed milk inspectors. In some others the Health Officer makes it a part of his duty to collect milk samples and have them analysed. Where this has been done an improvement in the quality has followed at once. Experience has shown that as soon as the dealers know that their milk is liable to be sampled and sent to the laboratory for analysis, an improvement in the quality of the milk is sure to result.

It is certainly one of the most useful duties of the Health Officer to give his attention to this universally used food whose purity is so closely connected with the matter of public health. With the approach of the summer season, therefore, Health Officers are urged to undertake the problem of milk inspection. Where the dealers in a community are few the burden of collecting samples once in two or three weeks is slight and may usually be undertaken by the Health Officer. In larger communities, where the dealers are more numerous, it is usually possible to have a milk inspector appointed if the matter is properly presented to the authorities.

The State Laboratory offers its services free of expense to the officers in the state who will undertake a regular system of inspection of the milk sold. Analyses will be made of samples of milk sent to the laboratory without expense to the towns except that of express charges upon the shipping cases.

Any Health Officer or Milk Inspector desiring to undertake this useful work is requested to correspond with the director of the Laboratory, Prof. H. W. Conn, Middletown, Ct.

Respectfully submitted,  
 JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
 Superintendent of the Registration of Vital Statistics.

HARTFORD, June 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	44	36	40	.20	Cloudy	0	29.93; highest..... 30.30; date 26	29.58; date 1
2	51	38	44	0	Partly Cloudy	52		
3	59	39	49	T	Partly Cloudy	80		
4	62	48	55	0	Clear	86		
5	62	42	52	T	Cloudy	18		
6	54	52	68	.03	Partly Cloudy	70		
7	75	49	62	.20	Partly Cloudy	69		
8	73	50	62	T	Partly Cloudy	66		
9	63	46	54	T	Cloudy	2		
10	73	54	64	.03	Cloudy	31		
11	62	48	55	.05	Clear	81		
12	72	46	59	0	Clear	100		
13	75	49	62	0	Partly Cloudy	87		
14	80	56	68	.17	Cloudy	51		
15	80	58	68	T	Clear	90		
16	68	53	60	.09	Cloudy	18		
17	62	49	56	.17	Cloudy	9		
18	61	49	55	0	Cloudy	16		
19	67	51	59	.03	Cloudy	32		
20	66	48	57	.02	Cloudy	29		
21	61	44	52	.02	Cloudy	28		
22	49	40	44	.36	Cloudy	0		
23	59	40	50	.06	Cloudy	22		
24	72	49	60	T	Partly Cloudy	59		
25	65	49	57	0	Clear	99		
26	72	43	58	0	Clear	72		
27	63	52	58	.22	Cloudy	2		
28	68	58	63	.22	Cloudy	8		
29	71	56	64	.03	Partly Cloudy	40		
30	73	53	63	0	Clear	100		
31	80	50	65	0	Clear	100		
Mean	66.8	48.2	57.5	1.99				

ATMOSPHERIC PRESSURE.  
(Reduced to sea level; inches and hundredths.)  
Mean..... 29.93; highest..... 30.30; date 26  
Lowest..... 29.58; date 1

TEMPERATURE.  
Highest..... 84°; date 6; lowest..... 36°; date 1  
Greatest daily range..... 32°; date 6  
Least daily range..... 8°; date 1

MEAN FOR THIS MONTH IN  
1905.. 57° 1906.. 59° 1907.. 53° 1908.. 61° 1909.. 58°  
Mean of this month for 5 years..... 58  
Absolute maximum for this month for 5 years..... 89  
Absolute minimum for this month for 5 years..... 32  
Average daily deficiency (—) of this month as compared with  
mean of 5 years..... 0.4  
Accumulated excess since January 1..... 196°  
Average daily excess since January 1..... 1.3

PRECIPITATION.  
Total this month..... 1.99  
Snowfall..... 0  
Greatest precipitation in 24 hours 0.38, date..... 22, 23  
Snow on the ground at end of month..... 0

TOTAL PRECIPITATION THIS MONTH IN  
1905.. 1.25 1906.. 4.60 1907.. 3.35 1908.. 6.52 1909.. 1.99  
Average of this month for 5 years..... 3.54  
Deficiency (—) of this month as compared with average of 5 years 1.55  
Accumulated excess since January 1..... 3.07

WIND.  
Prevailing direction..... S  
Total movement..... 6,290 miles  
Average hourly velocity..... 8.5  
Maximum velocity (for five minutes) 32 miles per hour,  
from S on 10th.

WEATHER.  
Number of clear days..... 8  
Partly cloudy..... 8  
Cloudy..... 15  
On which .01 inch, or more, of precipitation occurred..... 16

MISCELLANEOUS PHENOMENA (dates of).  
Auroras..... None  
Halos, solar..... None  
Halos, lunar..... 23  
Hail..... 7  
Sleet..... None  
Fog..... None  
Thunderstorms..... 1, 7, 14, 16, 28  
\*Frosts: light.. 12, 26; heavy.. None; killing.. None

NOTE.—"T" indicates trace of precipitation.  
\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,  
WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1909, and a Statement of the Births and Marriages for the Month of May, 1909.

Total estimated population of the State, 1,038,240.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia, .....	14,550	34	1	12	15	12.3	5	33.3	1	1									1		1	1	1	1	1			3			
Branford, .....	6,700	16	1	7	5	8.9	2	40.0													1							3			
Bridgeport, .....	88,700	211	11	74	115	15.5	42	9	44.3	1							2				25		10	8	2	9	6	11	41		
Bristol, .....	11,450	23	4	10	18	8.3	4	25.0															1					5			
Danbury, .....	19,475	56	1	10	19	11.7	5	26.3		1								1			3		1	1	2	4	2	5			
Derby, .....	9,500	26		11	8	10.1	2	37.5																1	1	1	1	2	5		
East Hartford, .....	7,966	16		11	12	24.1	3	25.0															2	3	3	2	2	4	4		
Enfield, .....	6,300	18		13	13	24.7	2	30.7															2	1	1	1	2	2	4		
Fairfield, .....	5,000	9		11	6	14.4	1	16.6															1	1	1	1	2	2	4		
Greenwich, .....	13,800	21		18	17	14.7	3	35.2		1													1	5		2			2		
Groton, .....	6,300	16		2	8	15.2	1	25.0															1	1	2	2	2	2	4		
Hartford, .....	5,220	11		1	4	9.1	1	25.0															1	1	2	2	2	2	4		
Hartford, .....	101,150	175	7	65	123	11.8	12	13.8					1	2	2						3	2	17	6	2	10	18	14	46		
Hamden, .....	6,830	12	1	4	10	17.9	1	20.0															1	2	1	1	2		3		
Killingbury, .....	6,082	13		4	15	14.3	2	13.3															1	2	1	1	2		3		
Manchester, .....	12,594	24	2	5	17	34	12.6	3	14.7														3	8	1	4	3	2	12		
Meriden, .....	31,315	65	1	17	34	12.6	3	14.7															3	4	2	8	5		9		
Middletown, .....	19,310	27	4	12	29	8.7	2	37.2															1	2	2	3	3		1		
Naugatuck, .....	14,000	27		5	10	8.5	2	40.0															2	1	2	3	3		1		
New Britain, .....	35,560	110	3	46	30	9.7	10	49.0															2	1	2	3	3		17		
New Haven, .....	125,620	288	19	78	189	17.2	47	21	36.5														16	2	13	20	5	15	6	88	
New London, .....	20,580	36	1	11	14	8.1	1	7.1															1	1	1	1	1		1		
New Milford, .....	5,513	13		4	4	8.7																	1	1	1	7	6		10		
Norwalk, .....	21,680	42	2	13	28	15.4	4	17.8		1													1	1	1	7	3	3	17	4	
Norwich, .....	25,910	60	2	13	34	13.8	8	26.4															1	1	1	7	3	3	17	4	
Orange, .....	8,960	18		3	11	14.7	2	27.2															1	2		3	1	4	4	4	
Plainfield, .....	5,010																												6	6	
Plymouth, .....	8,010	10		8	12	16.4	2	16.6																1	1	1	4	1	1	6	
Punam, .....	6,200	11		2	2	3.8																							2	2	
Southford, .....	21,350	27		8	37	10.1	3	32.4																					5	5	
Stamford, .....	9,630	12	3	3	10	12.4	1	20.0		4													4		3	2	4	3	4	18	
Stonington, .....	17,580	24	1	9	14	9.5	3	33.3																					3	3	
Thompson, .....	7,550	24	1	4	6	10.0	1	33.3		1													1	1	1	1	1	3		7	
Torrington, .....	8,230	10	2	9	9	13.1	5	55.5																					6	6	
Vernon, .....	10,935	28	1	7	11	12.0	1	27.2																					1	1	
Wallingford, .....	65,490	156	4	35	63	11.7	17	34.9																					13	20	
Waterbury, .....	9,030	14	1	4	18	21.2	5	27.7																					10	10	
Winchester, .....	10,220	21	2	7	13	14.0	2	46.1		1																			2	4	
Windham, .....																															
Total of the 38 above towns, .....	809,396	1668	75	536	964	14.2	203	80	29.3		8	10	1	5	11	9	2	9	3	56	7	78	65	20	108	87	76	409			
130 towns of less than 5,000 inhabitants	228,844	357	13	96	246	12.8	26	12	15.4		1	2	6	1	2	1	1	1	1	1	1	2	14	13	4	27	32	22	115		
Total reported from 168 towns, .....	1,038,240	2025	88	632	1210	13.9	229	92	26.5		9	12	7	6	12	11	3	10	3	1	57	9	92	78	24	135	119	98	524		

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 2; in Greenwich, 3; in Hartford, 77; in Meriden, 6; in Middletown, 18; in New Britain, 2; in New Haven, 42; in New London, 2; in Norwalk, 5; in Putnam, 2; in Stamford, 5; in Waterbury, 7; in Winchester, 6; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Ashford, Avon, Bethany, Bethlehem, Bolton, Bridgewater, Brookfield, Canaan, Chaplin, Durham, Hartland, Harwinton, Huntington, Killingworth, Ledyard, Marlborough, Middlefield, North Canaan, North Stonington, Old Saybrook, Oxford, Prospect, Sherman, Simsbury, Sterling, Warren, Wolcott.—Total, 29.

# REMARKS.

By mortality reports received there were 1,210 deaths during the month of June. This was 122 less than in May and 65 more than in June of last year, and 3 more than the average number of deaths during June for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,696	1,340	1,412	1,440
February,	1,313	1,515	1,519	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	*1,230	1,208	1,329	1,404	1,199	1,317
June,	1,310	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,041	3,679	3,974	4,082	3,817	3,823

The death rate was 14.2 for the large towns, for the small towns 12.8, and for the whole State 13.9. The deaths reported from infectious diseases were 162, being 13.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 6; Beacon Falls, 1; Bethel, 3; Bolton, 2; Bozrah, 1; Branford (town and borough), 39; Bridgeport, 11; Brookfield, 2; Canterbury, 1; Chatham, 1; Chester, 27; Colchester, 12; Cornwall, 1; Coventry, 2; Cromwell, 1; Danbury (city), 100; Danbury (town), 60; Darien, 2; Derby, 2; East Lyme, 1; Enfield, 3; Essex, 5; Greenwich, 24; Hartford, 3; Killingworth, 4; Lebanon, 1; Litchfield (town and borough), 2+; Lyme, 6; Manchester, 2; Middletown (city), 160; Middletown (town), 17+; New Canaan (town and borough), 6; New Hartford, 2; New Haven, 26; Norfolk, 1; North Canaan, 15; North Haven, 3; Newtown, 6; Norwalk (city), 40; Norwalk (town), 20; Plymouth, 13; Pomfret, 5; Portland, 150; Redding, 5; Ridgefield (town), 10; Ridgefield (borough), 5; Rockville (city), 3; Rocky Hill, 2; Salisbury, 1; Sharon, 1; South Norwalk (city), "epidemic"; Stafford, 4; Stafford Springs (borough), 25; Stamford (city), 4; Sterling, 1; Stonington (borough), 1; Stratford, 12; Thomaston, 63+; Thompson, 3; Torrington (borough), 4; Waterbury (city), 6; West Haven (borough), 10; Weston, 4; Westport, 94; Willimantic (city), 4; Willington, 1; Wilton, 3; Winsted (borough), 30; Woodstock, 5.—Total, 1,000+ in 64 towns.

**Scarlet Fever.**—Ansonia, 5; Bethel, 1; Branford (town and borough), 7; Bridgeport, 19; Coventry, 1; Danbury (city), 0; Danbury (town), 2; East Windsor, 2; Enfield, 1; Greenwich, 0; Hamden, 1; Hartford, 5; Lebanon, 1; Litchfield, 1; Manchester, 5; Marlborough, 2; Meriden (city), 2; Middletown (city), 1; Middletown (town), 1; Milford, 5; Montville, 1; New Britain, 2; New Haven, 57; New London, 1; Newington, 1; Norwalk (city), 1; Norwich, 2; Plainfield, 1; Putnam (city and town), 3; South Norwalk, (city), 4; Sprague, 2; Stamford (city), 48; Stratford, 9; Wallingford (town), 1; Wallingford (borough), 1; Waterbury (city), 1; West Haven (borough), 3; Wethersfield, 1; Willimantic (city), 6; Windham, 1; Windsor Locks, 2.—Total, 231 in 39 towns.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 2; Bridgeport, 3; Danbury (city), 1; Enfield, 3; Glastonbury, 1; Greenwich, 2; Hartford, 17; Meriden (city), 4; Middletown (city), 2; Middletown (town), 1; Montville, 3; New Britain, 5; New Canaan, 1; New Haven, 19; New Milford, 1; North Haven, 1; Norwalk (city), 1; Plainfield, 1; Ridgefield (borough), 1; Simsbury, 7; Southington, 1; Stamford (city), 3; Stonington, 1; Suffield, 2; Wallingford (borough), 1; Waterbury (city), 10; West Hartford, 1; Willimantic (city), 4; Windsor Locks, 8.—Total, 108 in 29 towns.

**Whooping Cough.**—Bridgeport, 2; Brooklyn, 5; Chaplin, 3; Danbury (city), 30; Durham, 3; Eastford, 2; Enfield, 4; Glastonbury, 8; Greenwich, 2; Hartford, 2; Manchester, 1; Milford, 2; Montville, 2; New London (some cases); Newington, 2; Newtown, 10; Plainfield, 3; Putnam (city and town), 5; Ridgefield (borough), 1; Stamford (city), 5; Suffield, 3; Wethersfield (city), 30; Windham, "epidemic"; Woodstock, 6.—Total, 131+ in 24 towns.

**Typhoid Fever.**—Beacon Falls, 1; Bridgeport, 2; Brooklyn, 1; Derby, 1; Greenwich, 1; Hartford, 3; Hebron, 1; Lyme, 1; Naugatuck, 2; New Britain, 1; New Canaan, 1; New Haven, 10; Norfolk, 1; Orange, 1; Ridgefield, 2; South Norwalk (city), 1; Stamford (city), 1; Watertown, 3; West Haven (borough), 2; Willimantic (city), 3; Windsor, 1; Winsted (borough), 14.—Total, 54 in 22 towns.

**Consumption.**—Ansonia, 2; Branford, 1; Bridgeport, 8; Durham, 2; Fairfield, 1; Farmington, 1; Hamden, 1; Hartford, 16; Killingly, 1; Manchester, 3; Middletown (city), 1; Naugatuck, 2; New Britain, 1; New Haven, 26; New Milford, 1; North Canaan, 1; North Stonington, 1; Norwalk (city), 1; Portland, 1; Preston, 2; Rockville (city), 1; Waterbury (city), 5; Watertown, 2; West Hartford, 1; West Haven (borough), 1; Willimantic (city), 2; Windham, 1.—Total, 86 in 26 towns.

**Typhus Fever.**—New London, 2.

In addition to the above the Health Officers of seventy-six towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

\* Three delayed certificates for May have been received since the publication of the last Bulletin.

HARTFORD CO.—Bristol (town and borough).  
NEW LONDON CO.—Groton (borough).  
MIDDLESEX CO.—East Haddam.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—East Haddam, 1.  
**Scarlet Fever.**—East Windsor, 1; Wilton, 1.  
**La Grippe.**—Barkhamsted, 1; Brooklyn, 1; Old Lyme, 1; Stafford, 1; Waterford, 1; Weston, 1.—Total, 6.  
**Cerebro Spinal Fever.**—Westport, 1.  
**Diphtheria and Croup.**—Suffield, 1.  
**Whooping Cough.**—Newington, 1; South Windsor, 1.—Total, 2.  
**Typhoid Fever.**—Windsor, 1.  
**Consumption.**—Canterbury, 1; Cornwall, 1; Darien, 1; Griswold, 1; Lisbon, 1; Norfolk, 1; Preston, 1; Ridgefield, 1; Salisbury, 2; Stafford, 1; Watertown, 1; Wethersfield, 1; Woodbury, 1.—Total, 14.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	40	98	3	..	141
release.....	14	25	..	..	39
Tuberculosis.....	39	96	..	..	135
Typhoid Fever.....	5	29	3	..	37
Rabies.....	..	1	..	..	1
Malaria.....	..	2	2	..	4
Total specimens examined.....					357
Samples of milk analyzed.....					116
"    " water.....					51
"    " illuminating oil tested.....					4

The Secretary of the State Board of Health of Indiana has started an anti-fly crusade and is sending out to the mayors of his State a fly ordinance, which they are urged to adopt. As the same conditions prevail here, it would be a good thing for our Connecticut cities which have not already done so, to enact an ordinance somewhat similar to that proposed in Indiana, which is published here:

## AN ORDINANCE TO PROTECT THE PUBLIC HEALTH AGAINST DISEASE AND POISONS CARRIED BY FLIES.

WHEREAS, it is commonly known that flies are very dangerous carriers of filth, filth poisons and disease germs, that they are born in filth and are a constant threat against the health, happiness and prosperity of the people; therefore—

SECTION I. Be it ordained by the mayor and common council of ....., that it shall be unlawful for any person, firm or corporation to suffer or permit or have upon their premises, whether owned or leased by them, any one or more of the following unsanitary fly-producing, disease-causing conditions, to wit:

- (1) Animal manure in any quantity which is not securely protected from flies.
- (2) Privies, vaults, cesspools, pits or like places, which are not securely protected from flies.
- (3) Garbage in any quantity which is not securely protected from flies.
- (4) Trash, litter, rags or anything whatsoever in which flies may breed or multiply.

SECTION II. It shall be the duty of the chief of police, and health officers, upon learning in any way whatsoever of the existence of one or more of the unlawful conditions described in Section I of this ordinance, to notify the offender in writing, upon order blanks provided by the city clerk, to remove or abate said unlawful conditions, stating the shortest reasonable time for such removal or abatement. In the event of the refusal or neglect on the part of the notified offender to obey such order, the chief of police or health officers shall inform the street commissioner upon a blank provided by the city clerk, and it shall then be the duty of said street commissioner, and he shall have power and authority to remove and abate the reported unlawful conditions, and he shall keep an accurate account of the cost and expenses thereof, which shall be paid from the city treasury upon the sworn vouchers of the street commissioner, and said cost and expenses shall be a lien upon the property and shall be collected by law as taxes are collected and duly paid into the city treasury.

SECTION III. Any person, firm or corporation found guilty of having created or suffered to exist on premises either owned or leased by them any one or more of the unlawful conditions named in Section I of this ordinance shall be punished by a fine of not less than five nor more than fifty dollars.

SECTION IV. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed; and whereas an emergency exists, this ordinance shall be in effect upon and immediately after passage.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, July 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	77	54	66	0	Clear	91	29.97; highest..... 30.27; date 9	29.75; .....
2	68	53	60	T	Cloudy	5	.....	..... date 24
3	84	56	70	0	Partly Cloudy	60		
4	72	60	66	T	Cloudy	18		
5	63	55	59	.10	Cloudy	0		
6	73	53	63	0	Partly Cloudy	62		
7	74	54	64	0	Partly Cloudy	50		
8	73	51	62	0	Partly Cloudy	53		
9	57	44	50	.39	Cloudy	0		
10	61	52	56	.15	Cloudy	0		
11	74	55	64	.02	Cloudy	23		
12	82	56	69	0	Partly Cloudy	68		
13	79	58	68	.36	Cloudy	31		
14	84	61	72	.01	Cloudy	34		
15	73	61	67	0	Partly Cloudy	75		
16	78	54	66	0	Clear	97		
17	76	54	65	.36	Partly Cloudy	74		
18	66	52	59	.41	Partly Cloudy	66		
19	73	50	62	0	Clear	84		
20	82	58	70	0	Partly Cloudy	47		
21	87	64	76	0	Partly Cloudy	56		
22	91	65	78	T	Cloudy	61		
23	88	70	79	.26	Partly Cloudy	78		
24	87	72	80	.05	Partly Cloudy	36		
25	92	70	81	T	Partly Cloudy	62		
26	88	72	80	0	Partly Cloudy	68		
27	86	66	76	T	Partly Cloudy	59		
28	84	66	75	.12	Partly Cloudy	38		
29	80	65	72	0	Clear	88		
30	82	61	72	0	Clear	87		
Mean	77.8	58.7	68.2	2.23				

### TEMPERATURE.

Highest..... 92°; date 25; lowest..... 44°; date 9  
 Greatest daily range..... 28°; .....

### MEAN FOR THIS MONTH IN

1905.. 66° 1906.. 68° 1907.. 65° 1908.. 70° 1909.. 68°  
 Mean of this month for 5 years..... 67  
 Absolute maximum for this month for 5 years..... 92  
 Absolute minimum for this month for 5 years..... 40  
 Average daily excess of this month as compared with mean  
 of 5 years..... 0.8  
 Accumulated excess since January 1..... 220°  
 Average daily excess since January 1..... 1.2

### PRECIPITATION.

Total this month..... 2.23  
 Snowfall..... 0  
 Greatest precipitation in 24 hours 0.77, date..... 17, 18  
 Snow on the ground at end of month..... 0

### TOTAL PRECIPITATION THIS MONTH IN

1905.. 4.85 1906.. 2.19 1907.. 3.44 1908.. 2.42 1909.. 2.23  
 Average of this month for 5 years..... 3.04  
 Deficiency (—) of this month as compared with average of 5 years 0.81  
 Accumulated excess since January 1..... 2.26

### WIND.

Prevailing direction..... S  
 Total movement..... 5,078 miles  
 Average hourly velocity..... 7.1  
 Maximum velocity (for five minutes) 29 miles per hour,  
 from NW on 18th.

### WEATHER.

Number of clear days..... 5  
 Partly cloudy..... 16  
 Cloudy..... 9  
 On which .01 inch, or more, of precipitation occurred..... 11

### MISCELLANEOUS PHENOMENA (dates of).

Auroras..... None  
 Halos, solar..... 3  
 Halos, lunar..... 3  
 Hail..... 7  
 Sleet..... None  
 Fog..... None  
 Thunderstorms..... 14, 23, 24, 28  
 \*Frosts: light..None; heavy..None; killing..None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1909,  
and a Statement of the Births and Marriages for the Month of June, 1909.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhœa under 5.	Diarrhœa over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia.	14,786	35	4	21	16	12.9	11	68.7	---	---	---	---	---	---	---	---	---	---	---	---	8	---	1	---	2	---	---	---	9
Bridgeport.	6,827	8	3	15	26.3	2	2	26.6	---	---	---	---	---	---	---	---	---	---	---	---	32	3	15	5	1	3	3	6	
Bristol.	90,913	104	11	120	140	17.9	60	11	50.7	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54	
Danbury.	11,677	36	1	13	12	12.3	3	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
Derby.	19,475	44	2	11	25	14.7	5	3	32.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
East Hartford.	9,694	24	1	7	8.6	3	1	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
East Hartford.	8,161	11	1	11	9	12.0	6	1	77.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Enfield.	6,249	17	1	17	15	28.7	5	2	46.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Fairfield.	5,047	7	---	4	4	9.5	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Greenwich.	14,008	25	1	23	20	17.1	5	3	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11	
Groton.	6,342	10	1	5	13	24.5	1	7	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden.	5,295	8	1	6	6	13.6	6	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hartford.	103,808	195	12	135	147	14.6	43	6	33.3	1	---	---	---	---	---	---	---	---	---	---	32	1	9	3	1	12	15	8	
Huntington.	6,981	13	---	9	4	6.8	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Killingly.	6,063	9	7	7	12.6	1	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Manchester.	12,742	26	2	12	15	14.1	8	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Merriden.	31,039	55	5	30	33	12.5	8	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Middletown.	19,538	41	1	23	45	19.0	10	10	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	
Naugatuck.	14,431	24	1	13	18	14.9	7	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
New Britain.	36,477	125	4	47	50	16.4	26	6	64.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	
New Haven.	127,810	288	18	182	190	16.6	46	22	35.7	3	2	---	---	---	---	---	---	---	---	---	23	5	22	5	6	11	20	5	
New London.	20,959	45	1	24	22	12.0	5	---	22.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
New Milford.	5,602	12	---	7	14.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	
Norwalk.	21,598	29	3	26	36	19.7	7	3	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	
Norwich.	26,067	62	3	43	38	17.0	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Orange.	9,207	26	2	15	13	16.9	2	2	36.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
Plainfield.	5,036	6	1	---	7	16.6	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Putnam.	8,100	17	---	5	8	10.3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Southampton.	6,240	11	---	7	13.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Stamford.	21,664	62	1	28	42	23.2	11	4	35.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Stamford.	9,760	25	1	15	15	18.4	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	
Stonington.	7,217	6	---	4	3	4.9	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Thompson.	18,217	43	2	13	10	6.5	3	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Torrington.	8,191	16	1	7	10	14.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Vernon.	11,176	23	1	7	12	12.8	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Wallingford.	67,282	183	6	86	106	18.9	46	10	52.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	
Waterbury.	9,185	22	1	16	6	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26	
Windsor.	10,231	37	1	21	29	34.0	10	10	68.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
Windham.	824,595	1829	92	1015	1162	16.9	366	104	40.4	8	3	1	3	8	18	2	12	3	---	---	---	---	---	---	---	---	76		
Total of the 38 above towns.	226,095	342	22	196	240	12.7	41	16	23.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	404
126 towns of less than 5,000 inhabitants	1,050,690	2471	114	1211	1,402	16.0	407	120	37.5	12	4	1	3	11	19	2	12	3	---	---	---	---	---	---	---	---	---	97	
Total reported from 164 towns.	1,050,690	2471	114	1211	1,402	16.0	407	120	37.5	12	4	1	3	11	19	2	12	3	---	---	---	---	---	---	---	---	---	---	101
Population of towns not reporting.	3,657	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 34; in Danbury, 2; in Greenwich, 3; in Hartford, 85; in Meriden, 4; in Middletown, 17; in New Britain, 5; in New Haven, 48; in New London, 2; in Norwalk, 5; in Norwich, 3; in Putnam, 3; in Stamford, 4; in Waterbury, 14; and in Winchester, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Chaplin, Colebrook, Columbia, Durham, Essex, Franklin, Goshen, Hartland, Hebron, Kent, Lisbon, Middlebury, Morris, North Haven, Prospect, Rocky Hill, Roxbury, Salem, Scotland, Somers, South Windsor, Sterling, Tolland, Voluntown, Weston, Willington, Wilton, Wolcott, Woodbridge, Woodbury.—Total, 36.

The Registrars of the following towns have made no report for July: Cornwall, Madison, Marlborough, Westborough.—Total, 4.

# REMARKS.

By mortality reports received there were 1,402 deaths during the month of July. This was 189 more than in June and 94 more than in July of last year, and 120 less than the average number of deaths during July for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,606	1,340	1,412	1,440
February,	1,313	1,515	1,519	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	1,330	1,208	1,329	1,204	1,199	1,317
June,	*1,213	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,044	3,679	3,974	4,082	3,817	3,823
July,	1,402	1,496	1,518	1,537	1,650	1,409

The death rate was 16.9 for the large towns, for the small towns 12.7, and for the whole State 16.0. The deaths reported from infectious diseases were 185, being 13.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bethel, 10; Branford, 10; Bridgeport, 4; Brookfield, 1; Canterbury, 1; Chester, 1; Colchester, 10; East Haddam, 5; East Lyme, 1; Easton, 4; Greenwich, 4; Hebron, 4; Jewett City (borough), 1; Lebanon, 6; Middletown (city), 140; Milford, 1; New Hartford, 2; New Haven (city), 8; Newington, 3; North Canaan, 30; Norwalk, 4; Norwich (city), 1; Plainfield, 1; Plymouth, 18+; Portland, 50; Ridgefield (town), 10; Ridgefield (borough), 5; Rocky Hill, 6; Roxbury, 3; Salisbury, "epidemic"; Saybrook, 1; Sharon, 9; Shelton (borough), 3; South Norwalk (city), "numerous"; Stafford, 5; Stafford Springs (borough), 5; Stamford (city), 3; Stamford (town), 1; Stratford, 4; Thomaston, 3; Waterbury (city), 1; Westbrook, 2; West Haven (borough), 1; Weston, 4; Westport, 15; Willimantic (city), 50+; Wilton, 3.—Total, 454+ in 46 towns.

**Scarlet Fever.**—Branford, 1; Bridgeport, 5; Coventry, 7; Greenwich, 15; Groton (borough), 1; Hartford, 8; Naugatuck (city), 1; New Britain, 3; New Canaan (town and borough), 3; New Haven (city), 33; North Branford, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 1; Plainfield, 1; Plymouth, 1; Stamford (city), 15; Stonington (borough), 1; Stratford, 1; Washington, 1; Waterbury (city), 2; Waterford, 1.—Total, 105 in 22 towns.

**Cerebro Spinal Fever.**—Waterbury (city), 1.

**Diphtheria and Croup.**—Bethel, 4; Bridgeport, 16; Bristol, 2; Danbury (city), 1; Darien, 2; Enfield, 2; Greenwich, 1; Groton (town), 1; Groton (borough), 1; Hamden, 1; Hartford, 12; Madison, 4; Meriden (city), 5; Meriden (town), 5; Middletown (city), 2; Middletown (town), 2; New Britain, 3; New Haven (city), 9; Norwalk (city), 1; Sharon, 2; Stamford (city), 3; Waterbury (city), 7; Willimantic (city), 5; Windsor Locks, 7.—Total, 98 in 24 towns.

**Whooping Cough.**—Andover, 1; Bridgeport, 2; Brookfield, 12; Brooklyn, 4; Clinton, 3; Colchester, 3; Durham, 11; East Haven, 3; East Lyme, 1; Glastonbury, 6; Greenwich, 8; Jewett City (borough), 2; Madison, 1; Middletown (city), 3; Milford, 3; Newington, 1; Norfolk (city), 1; Putnam (city and town), 5; Shelton (borough), 1; Stamford (city), 3; Stonington (borough), 4; Willimantic (city), 55+; Windham "epidemic"; Woodstock, 4.—Total, 137+ in 24 towns.

**Typhoid Fever.**—Berlin 1; Bridgeport, 4; Bristol, 1; Brooklyn, 1; Canterbury, 1; Danbury (city), 1; Guilford, 1; Hartford, 6; Manchester, 2; Middletown (city), 3; Naugatuck (borough), 4; New Britain, 3; New Haven (city), 8; New London (city), 1; Norwalk (city), 2; Plainfield, 1; Plymouth, 4; Pomfret, 1; Seymour, 1; Shelton (borough), 1; Somers, 1; Stamford (city), 1; Thompson, 1; Waterbury (city), 7; Watertown, 1; West Haven (borough), 1; Willimantic (city), 1; Windsted (borough), 2.—Total, 62 in 28 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 8; Bristol, 2; Brooklyn, 1; Canterbury, 2; Cheshire, 1; Cornwall, 1; East Granby, 1; Glastonbury, 1; Hamden, 1; Hartford, 9; Lebanon, 1; Manchester, 2; Middletown (city), 2; Milford, 1; Naugatuck (borough), 1; New Britain, 1; New Haven (city), 19; New London (city), 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Plainfield, 1; Putnam, 1; Shelton (borough), 1; Simsbury, 2; Southbury, 1; Stamford (city), 3; Stamford (town), 1; Thompson, 1; Washington, 1; Waterbury (city), 5; Watertown, 2; Willimantic (city), 4; Willington, 2; Woodbury, 1.—Total, 87 in 36 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookwater, Burlington, Canaan, Canton, Chaplin, Chatham, Colebrook, Columbia, Cromwell, Danbury, Danielson (borough), Derby, Eastford, East Hartford, East Windsor,

\* Three delayed certificates for June have been received since the publication of the last Bulletin.

Ellington, Essex, Fairfield, Farmington, Franklin, Goshen, Granby, Griswold, Haddam, Hampton, Hartland, Harwinton, Huntington, Kent, Killingly, Killingworth, Ledyard, Lisbon, Litchfield (town and borough), Lyme, Mansfield, Marlborough, Middlebury, Monroe, Montville, Morris, New Fairfield, New Milford, Newtown, North Haven, North Stonington, Norwich, Old Lyme, Old Saybrook, Orange, Oxford, Plainville, Preston, Prospect, Redding, Rockville (city), Salem, Scotland, Sherman, Southington, Sterling, Stonington, Suffield, Tolland, Torrington (town), Torrington (borough), Trumbull, Union, Vernon, Voluntown, Wallingford (town), Wallingford (borough), Warren, West Hartford, Wethersfield, Winchester, Wolcott, Woodbridge.—86.

All the Health Officers of New Haven, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Avon, South Windsor, Windsor.

NEW LONDON Co.—Sprague.

MIDDLESEX Co.—Middfield.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Bethel, 1; Haddam, 1; Salisbury, 1; Sharon, 1.

**Scarlet Fever.**—Plymouth, 1.

**Diphtheria and Croup.**—Sharon, 1; Windsor Locks, 2.

**Whooping Cough.**—Ledyard, 1.

**Consumption.**—Ashford, 1; Bethel, 2; Brooklyn, 1; Canaan, 1; Canterbury, 1; Cheshire, 1; Darien, 1; Griswold, 1; Litchfield, 1; Milford, 1; North Canaan, 1; Preston, 1; Salisbury, 1; Thomaston, 1; Union, 1; Watertown, 1; Westport, 1; Wethersfield, 1; Woodstock, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis .....	13	17	1	..	31
release .....	4	12	..	..	16
Tuberculosis .....	38	91	..	..	129
Typhoid Fever.....	20	24	1	..	45
Rabies .....	..	1	..	..	1
Malaria .....	..	8	..	..	8
Total specimens examined.....					230
Samples of milk analyzed .....					152
“ “ water “ .....					46
“ “ illuminating oil tested.....					5

## TUBERCULOSIS LEGISLATION OF 1909.

The present Legislature has enacted some very important anti-tuberculosis laws. These include an act prohibiting spitting in public places, and while it does not differ greatly from the ordinances now in force in our larger cities, it provides a law applicable to the entire state.

An act concerning the reporting and care of tuberculosis is another measure of great importance. This act declares tuberculosis to be an infectious and communicable disease dangerous to the public health, and requires physicians to report to the local health officer all cases coming under their care, and to give such instructions as will provide for the safety of all persons occupying the same house or apartments. If the physician reporting is not willing to assume the care of the patient, then this duty devolves upon the local health officer. This law takes effect October first, and prior to that date a copy of the act will be sent from this office to all the physicians of the state.

A third act is that appointing a Board of Directors to establish County Homes for the care and treatment of those suffering from tuberculosis. It proposes to establish three of these Homes at once and an appropriation of \$175,000 is made for this purpose, with \$75,000 additional to maintain them for one year. These appropriations, with \$50,000 given to aid the Gaylord Farm Sanatorium at Wallingford, Wildwood at Hartford and Undercliff at Meriden, make a total of \$300,000 given by the State of Connecticut to aid in carrying on the anti-tuberculosis work during the next two years.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, Aug. 16, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	87	65	76	T	Partly Cloudy	43	29.92	30.36
2	78	64	71	T	Cloudy	55	29.43	30.36
3	74	59	66	o	Partly Cloudy	70		
4	72	56	64	o	Clear	92		
5	78	53	66	o	Clear	85		
6	79	55	67	T	Partly Cloudy	36		
7	77	53	65	o	Clear	80		
8	81	53	67	o	Clear	75		
9	79	51	65	o	Clear	100		
10	78	55	66	o	Partly Cloudy	67		
11	81	60	70	o	Partly Cloudy	64		
12	84	57	70	T	Partly Cloudy	39		
13	91	70	80	.01	Partly Cloudy	67		
14	88	68	78	o	Clear	96		
15	90	63	76	o	Partly Cloudy	56		
16	83	67	75	.11	Cloudy	28		
17	83	64	74	.01	Partly Cloudy	74		
18	79	58	68	.30	Partly Cloudy	56		
19	72	57	64	o	Partly Cloudy	47		
20	75	56	66	o	Partly Cloudy	78		
21	78	56	67	o	Partly Cloudy	78		
22	79	58	68	o	Partly Cloudy	41		
23	68	60	64	.79	Cloudy	0		
24	76	62	69	.01	Cloudy	32		
25	77	60	68	o	Clear	83		
26	85	61	73	o	Clear	100		
27	87	64	76	o	Partly Cloudy	71		
28	89	65	77	o	Clear	75		
29	86	65	76	o	Partly Cloudy	61		
30	93	71	82	.36	Partly Cloudy	53		
31	87	66	76	o	Clear	86		
Mean	81.1	60.4	70.8	1.59				

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.92
Lowest	29.43

TEMPERATURE.	
Highest	93°
Greatest daily range	28°
Least daily range	8°

MEAN FOR THIS MONTH IN	
1905--73°	1906--72°
1907--73°	1908--75°
1909--71°	

Mean of this month for 5 years	73
Absolute maximum for this month for 5 years	96
Absolute minimum for this month for 5 years	51
Average daily deficiency (—) of this month as compared with mean of 5 years	1.9
Accumulated excess since January 1	161°
Average daily excess since January 1	0.8

PRECIPITATION.	
Total this month	1.59
Snowfall	0
Greatest precipitation in 24 hours	0.80
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905--2.71	1906--5.09
1907--1.86	1908--5.74
1909--1.59	

Average of this month for 5 years	3.40
Deficiency (—) of this month as compared with average of 5 years	1.81
Accumulated excess since January 1	0.45

WIND.	
Prevailing direction	S
Total movement	6,073 miles
Average hourly velocity	8.2
Maximum velocity (for five minutes)	28 miles per hour, from NW on 8th.

WEATHER.	
Number of clear days	10
Partly cloudy	17
Cloudy	4
On which .01 inch, or more, of precipitation occurred	7

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	7
Thunderstorms	13, 16, 18, 30
*Frosts: light	None
heavy	None
killing	None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1909



# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1909, and a Statement of the Births and Marriages for the Month of July, 1909.*

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipels.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia,	14,786	39	1	8	18	14	11	69.9													1	1					1		
Andover,	6,827	5			4	5	0	20.0													1	1							
Brandeft,	90,015	200	3	62	129	16.6	11	39.5	2					1		1				88	1	12	9	1	3	5	6	59	
Bridgeport,	11,677	28			2	14	14.3	3	1											3	3							15	
Bristol,	19,475	36	3	9	39	22.7	13	38.4	3							1	2			4	3		4		3	2	1	2	
Danbury,	9,604	24	2	9	8	9.9	3	50.0												3	1		1		3	1	2		
Derby,	8,161	12	1		5	12	17.6	5												4	1		1		3	1	2	2	
East Hartford,	6,219	17	1	21	16	30.7	7	50.0	1											4	1		1		2	2	1	3	
Fairfield,	5,047	8	1		9	21.3	1	22.2												4	1		1		2	1	1	12	
Groton,	14,008	34	5	12	18	15.4	4	27.7												2	1		1		1	2	1	9	
Greenwich,	6,342	18			6	14	26.4	3												1	1		1		1	2	1	12	
Hartford,	103,808	182	3	72	115	11.6	65	12	60.0	2			2							27	1	11	3	1	9	5	9	47	
Hartford,	103,808	182	3	72	115	11.6	65	12	60.0	2			2							27	1	11	3	1	9	5	9	47	
Huntington,	6,981	15			1	8	13.7	5												1	5		2		1	1	2	7	
Killingly,	12,712	27		4	11	10.8	5	27.2												1	1		1		7	3	1	10	
Manchester,	31,639	54	2	17	32	12.1	8	31.2	1											12	3		1		7	3	1	10	
Meriden,	19,538	34		15	39	10.6	15	3												4	3		1		1	5	2	3	
Middletown,	14,431	30	1	2	15	12.4	8	53.3												3	3		1		7	3	1	10	
Naugatuck,	12,712	34		46	66	21.7	27	3												6	1		1		1	5	2	3	
New Britain,	36,477	93	4	46	66	21.7	27	3												38	7	16	11	3	9	31	6	59	
New Haven,	127,810	314	11	95	183	15.7	69	18	45.1	1										4	2		2		3	1	3	18	
New London,	20,959	34	2	16	35	16.6	11	1												2	2		2		1	1	1	2	
New Milford,	5,602	10			5	16.7	3	60.0												5	3		2		1	6	3	8	
Norwalk,	21,898	37	3	11	33	18.0	7	3	30.3	1										2	2		2		1	8	3	8	
Norwich,	26,067	31	22	38	15.6	9	2	28.9						1		1	1	1		3	2		1		6	3	2	15	
Orange,	9,207	12	1	6	15	10.5	3	1	26.6											2	2		2		1	8	3	8	
Plainfield,	5,036	16	1	2	5	11.9	2	10.0												3	2		1		6	3	2	15	
Putnam,	8,100	19	1	8	13	10.2	6	1	53.8											2	2		2		1	8	3	8	
Southington,	6,240	14			8	15.5	9	1	53.8											3	2		1		1	1	1	3	
Stamford,	21,664	93	5	14	45	24.3	17	2	42.2											10	1		6		1	3	3	2	17
Stonington,	9,760	12	2	5	10	12.2	6	60.0												3	2		1		3	3	2	3	3
Thompson,	7,217	9		6	9	9	2	33.3												9	1		2		1	2	1	1	
Torrington,	18,217	32	2	14	21	13.8	15	61.9												9	1		4		1	3	1	1	
Vernon,	8,101	16		5	11	16.1	1	9.0												3	2		1		1	4	1	1	
Wallingford,	11,176	24			16	17.1	7	43.7												4	2		2		1	4	1	1	
Waterbury,	67,282	185	7	50	122	21.4	10	54.9						1		1	3			44	2	5	6		13	9	3	34	
Wethersfield,	9,185	21	2	5	11	13.0	3	36.3												7	1		1		1	1	1	7	
Winchester,	10,231	20		10	24	23.1	11	4	62.5											8	1		1		1	1	1	10	
Windham,	824,595	1766	65	582	1181	17.1	412	85	42.0	8	4	2	---	9	18	4	24	5	---	203	31	84	40	8	95	76	68	442	
Total of the 38 above towns,	218,239	349	19	104	287	15.7	71	15	29.9	---	1	---	---	---	---	---	---	---	---	---	42	5	21	6	2	26	33	24	118
120 towns of less than 5,000 inhabitants	1,042,834	2115	84	686	1468	16.8	483	100	39.7	---	5	2	2	9	20	4	29	5	---	305	36	105	46	10	121	109	92	560	
Total reported from 158 towns, -----	11,513									8	5	2	2	9	20	4	29	5	---	305	36	105	46	10	121	109	92	560	
Population of towns not reporting, -----																													

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 7; in Greenwich, 3; in Hartford, 52; in Meriden, 4; in Middletown, 13; in New Britain, 12; in New Haven, 52; in New London, 9; in Norwalk, 6; in Norwich, 8; in Stamford, 3; in Wallingford, 4; in Waterbury, 19; in Winchester, 3; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Barkhamsted, Beacon Falls, Bethlehem, Bloomfield, Bozrah, Canaan, Chaplin, Colebrook, Eastford, Easton, Franklin, Granby, Hampton, Hartland, Lyme, New Fairfield, Old Lyme, Prospect, Roxbury, Simsbury, Sprague, Trumbull, Union, Warren, Wolcott, Woodbridge.—total, 28.

# REMARKS.

By mortality reports received there were 1,468 deaths during the month of August. This was 57 more than in July and 61 more than in August of last year, and 52 less than the average number of deaths during August for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,696	1,340	1,412	1,440
February,	1,313	1,515	1,519	1,235	1,365	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	1,330	1,208	1,329	1,404	1,199	1,317
June,	1,213	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,044	3,679	3,974	4,082	3,817	3,823
July,	*1,411	1,496	1,518	1,537	1,650	1,400
August,	1,468	1,407	1,761	1,650	1,417	1,362

The death rate was 17.1 for the large towns, for the small towns 15.7, and for the whole State 16.8. The deaths reported from infectious diseases were 184, being 12.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Bethel, 3; Canterbury, 1; Colchester, 2; Danbury (city), 20; Danbury (town), 25; Darien, 2; Easton, 6; Enfield, 4; Ledyard, 2; Mansfield, 1; Meriden (city), 2; New Hartford, 2; New Haven, 3; New London (city), 3; North Branford, 2; North Canaan, 3; Ridgefield (town), 6; Ridgefield (borough), 3; Rocky Hill, 1; Roxbury, 1; Salisbury, "epidemic"; Shelton (borough), 1; Somers, 1; South Norwalk (city), 1; Stamford (city), 1; Willimantic (city), 6.—Total, 103+ in 25 towns.

**Scarlet Fever.**—Ansonia, 1; Bethel, 3; Bridgeport, 11; Coventry, 1; Greenwich, 2; Hartford, 2; New Britain, 4; New Canaan, 9; New Haven, 12; Newtown, 1; Norwalk, 1; Pomfret, 1; South Norwalk (city), 7; Stafford Springs (borough), 1; Stamford (city), 13; Stamford (town), 1; Stratford, 1; West Haven (borough), 1; Willimantic (city), 1.—Total, 73 in 19 towns.

**Diphtheria and Croup.**—Barkhamsted, 1; Bridgeport, 13; Bristol, 2; Brooklyn, 1; Chatham, 1; Danbury (city), 1; East Hartford, 3; Enfield, 2; Hartford, 6; Madison, 1; Meriden (city), 10; Meriden, 9; Naugatuck, 3; New Britain, 14; New Haven, 9; New London (city), 1; Norwich, 2; Oxford, 1; Plainfield, 1; Portland, 1; Redding, 1; Ridgefield (borough), 1; Rockville (city), 1; Shelton (borough), 1; Southington, 4; Stamford (city), 3; Torrington (town), 1; Torrington (city), 1; Wallingford (borough), 1; Washington, 1; Waterbury (city), 4; Westbrook, 1; West Haven (borough), 2; Windsor Locks, 5.—Total, 107 in 33 towns.

**Whooping Cough.**—Bethel, 4; Burlington, 6; Canterbury, 3; Clinton, 4; Danbury (city), 30; Durham, 8+; East Lyme, 5; Ellington, 2; Enfield, 4; Essex, 3; Groton (borough), 5; Jewett City (borough), 2; Montville, "epidemic"; Shelton (borough), 5; Somers, 4; Stamford, 1; Stonington, 1; Tolland, 6; Westbrook, 1; Willimantic (city), 2; Windham, "epidemic."—Total, 96+ in 21 towns.

**Typhoid Fever.**—Bridgeport, 3; Bristol, 2; Brookfield, 1; Brooklyn, 1; Cromwell, 2; Danbury (city), 6; Danbury (town), 1; Derby, 2; East Hartford, 4; Glastonbury, 1; Hamden, 1; Hartford, 8; Killingly, 1; Manchester, 4; Mansfield, 1; Meriden, 1; Middletown (city), 9; Milford, 18; New Britain, 4; New Fairfield, 2; New Haven, 35; New London (city), 1; Norfolk, 6; North Haven, 2; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 2; Old Saybrook, 1; Orange, 2; Plainfield, 2; Pomfret, 1; Redding, 3; Rockville (city), 1; Seymour, 1; Southbury, 1; Stamford (city), 3; Thomaston, 1; Thompson, 1; Wallingford (borough), 1; Washington, 1; Waterbury (city), 12; Waterford, 3; Watertown, 2; West Haven (borough), 1; Willimantic (city), 7.—Total, 165 in 43 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 10; Bridge-water, 1; Bristol, 2; Canterbury, 1; Ellington, 1; Glastonbury, 1; Hartford, 14; Manchester, 3; Meriden (city), 1; Milford, 1; New Hartford, 1; New Haven, 21; New London (city), 1; Newtown, 1; Norfolk, 1; Norwich (city), 2; Oxford, 1; Plainfield, 1; Stamford (city), 4; Thomaston, 1; Thompson, 1; Wallingford (borough), 1; Warren, 1; Waterbury (city), 6; Watertown, 1; Willimantic (city), 8; Windham, 2.—Total, 100 in 29 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Beacon Falls, Berlin, Bethany, Bethlehem, Bloomfield, Bozrah, Canaan, Canton, Chaplin, Cheshire, Colebrook, Columbia, Cornwall, Danielson (borough), Eastford, East Granby, East Haddam, East Haven, East Windsor, Fairfield, Farmington, Franklin, Goshen, Granby, Griswold, Groton, Guilford, Hampton, Hartland, Harwinton, Hebron, Huntington, Killingworth, Lebanon, Lisbon, Litchfield (town and borough), Lyme, Marlborough, Middlebury, Middlefield, Monroe, Morris, Newington, New Milford, North Stonington, Old Lyme, Plainville, Plymouth, Prospect, Putnam (city and town), Salem, Saybrook, Scotland, Sharon, Sherman, Stinsbury,

\* Nine delayed certificates for July have been received since the publication of the last Bulletin.

South Windsor, Sprague, Stafford, Stonington (borough), Suffield, Trumbull, Union, Vernon, Voluntown, Wallingford, West Hartford, Weston, Westport, Wethersfield, Willington, Wilton, Winchester, Windsor, Winsted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 82.

All the Health Officers of Hartford, New Haven and Fairfield Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Preston.  
WINDHAM Co.—Sterling.  
LITCHFIELD Co.—Kent.  
MIDDLESEX Co.—Middletown (town), Chester, Haddam.  
TOLLAND Co.—Bolton.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Newtown, 1.  
**Cerebro Spinal Fever.**—Darien, 1; Windsor Locks, 1.  
**Whooping Cough.**—Durham, 1; East Haven, 1.  
**Typhoid Fever.**—East Windsor, 1; Guilford, 1; Milford, 1; Seymour, 1; Watertown, 1.  
**Consumption.**—Canterbury, 1; Canton, 1; Chatham, 1; Coventry, 1; Darien, 1; East Granby, 1; East Haddam, 2; Griswold, 1; Haddam, 2; Newtown, 1; Oxford, 2; Salem, 1; Salisbury, 1; Westport, 1; Wethersfield, 1; Willington, 1; Windsor Locks, 1; Woodstock, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	25	31	1	.. 57
"    release .....	14	20	..	.. 34
Tuberculosis .....	44	77	..	.. 121
Typhoid Fever.....	26	54	3	.. 83
As bacillus carriers ..	..	18	..	.. 18
Rabies .....	..	2	..	.. 2
Malaria .....	3	11	..	.. 14
Anthrax .....	..	1	..	.. 1

Total specimens examined.....	330
Samples of milk analyzed .....	206
"    " water .....	54
"    " illuminating oil tested.....	3

## TYPHOID FEVER.

The germ of typhoid fever does not grow spontaneously in nature or thrive for a long time outside the body, but the germs that cause a case come usually from the excrement of a person who has, or has recently had the disease, so that the best way to prevent the spread of typhoid is to prevent the germ from leaving the bedside of the sick. To accomplish this the following precautions should be observed:

Disinfect promptly the stools and urine. Keep constantly in the bed-pan or urinal or other vessels intended to receive the discharges from the bowels or bladder a moderate quantity of a disinfectant solution, and after receiving the discharges add a quantity of disinfectant solution equal to the amount of the discharges. Cover and remove the vessel and allow the contents to stand for one hour before emptying. The disinfectants usually used for this purpose are carbolic acid (1 to 40), chloride of lime ( $\frac{1}{2}$  lb. to a gallon), or milk of lime.

The nurse or attendant should wash her hands in a disinfectant solution immediately after handling the patient, the discharges or bed clothing.

Add a disinfectant solution to all water after it is used for bathing the patient.

Keep constantly in a convenient place a tub or other proper vessel containing a sufficient quantity of a disinfectant solution such as carbolic acid (1 to 40, or 6 teaspoonfuls to a quart of water). Put into it all soiled clothing, sheets, towels, etc., and let them soak an hour.

Screen the windows and doors of the room. Flies should be rigidly excluded. Kill the flies that get in. Flies carry germs.

Eating utensils, such as plates, cups, etc., used by the patient should be kept for his use alone. They should be boiled after using. Remnants of food left by the patient should be put into a paper bag and burned.

Let no one come into the room except those in attendance. It is better for the patient, and diminishes the danger of carrying the germs.

As the typhoid germ may exist in the urine and stools of patients for some time after the disappearance of the fever, the above measures should be kept up for at least four weeks.

After the termination of the case, the room should be fumigated and all furniture and woodwork and floors should be washed with a solution of bi-chloride of mercury (1 to 1,000). The room and all its contents should then be thoroughly aired.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, Sept. 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Per-centage of Sun-shine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	78	63	70	0	Partly Cloudy	31			
2	82	58	70	0	Partly Cloudy	83			
3	80	56	68	0	Partly Cloudy	50			
4	76	57	66	.31	Cloudy	25			
5	66	56	61	1.08	Cloudy	0			
6	79	61	70	.01	Cloudy	39			
7	88	59	74	0	Clear	74			
8	93	65	79	0	Clear	86			
9	87	70	78	T	Cloudy	15			
10	79	62	70	0	Partly Cloudy	72			
11	75	55	65	0	Clear	98			
12	80	50	65	0	Partly Cloudy	56			
13	77	62	70	T	Partly Cloudy	34			
14	78	58	68	0	Partly Cloudy	47			
15	76	50	63	T	Cloudy	57			
16	68	57	62	.94	Cloudy	0			
17	59	53	56	.99	Cloudy	0			
18	70	57	64	.01	Cloudy	6			
19	84	61	72	0	Partly Cloudy	60			
20	84	61	72	T	Partly Cloudy	65			
21	77	58	68	0	Clear	93			
22	74	50	62	0	Clear	79			
23	82	54	68	0	Partly Cloudy	50			
24	86	58	72	0	Partly Cloudy	64			
25	91	65	78	0	Partly Cloudy	53			
26	86	68	77	T	Cloudy	13			
27	79	62	70	0	Clear	100			
28	82	56	69	0	Partly Cloudy	71			
29	84	64	74	.01	Cloudy	12			
30	71	54	62	0	Clear	86			
31	71	46	58	0	Partly Cloudy	59			
Mean	78.8	58.3	68.6	3.35					

MEAN FOR THIS MONTH IN									
1905--	68°	1906--	73°	1907--	69°	1908--	69°	1909--	69°
Mean of this month for 5 years									70
Absolute maximum for this month for 5 years									94
Absolute minimum for this month for 5 years									43
Average daily deficiency (—) of this month as compared with mean of 5 years									0.9
Accumulated excess since January 1									133°
Average daily excess since January 1									0.5°

PRECIPITATION.				
Total this month				3.35
Snowfall				0
Greatest precipitation in 24 hours 1.36, date				4, 5
Snow on the ground at end of month				0

TOTAL PRECIPITATION THIS MONTH IN									
1905--	5.08	1906--	2.65	1907--	1.03	1908--	6.74	1909--	3.35
Average of this month for 5 years									3.77
Deficiency (—) of this month as compared with average of 5 years									0.42
Accumulated excess since January 1									0.03

WIND.				
Prevailing direction				N
Total movement				4,696 miles
Average hourly velocity				6.3
Maximum velocity (for five minutes) 22 miles per hour, from SE on 16th.				

WEATHER.				
Number of clear days				7
Partly cloudy				14
Cloudy				10
On which .01 inch, or more, of precipitation occurred				7

MISCELLANEOUS PHENOMENA (dates of).				
Auroras				None
Halos, solar				None
Halos, lunar				None
Hail				None
Sleet				None
Fog				7, 12, 15
Thunderstorms				20, 29
*Frosts: light..None; heavy..None; killing..None				

NOTE.—"T" indicates trace of precipitation.  
 \* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,  
 WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1909, and a Statement of the Births and Marriages for the Month of August, 1909.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,786	48	2	11	20.16	9	1	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	5	2	1	1	1	---	---	---	6
Brantford, .....	6,827	9	---	2	5.87	2	2	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	12	1	1	---	---	---	---	---	8
Bridgport, .....	90,913	271	6	69	124.16	32	13	36.2	---	---	---	2	---	---	---	---	---	---	---	---	---	14	1	1	17	---	---	---	---	5
Bristol, .....	11,677	32	3	2	13.13	6	1	53.8	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	1	---	---	---	---	---	---
Danbury, .....	19,475	34	---	9	23.13	6	2	34.7	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	---	---	---	---	---	---
Derby, .....	9,694	30	---	11	13.6	5	2	63.6	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	---	---	---	---	---	---
East Hartford, .....	8,161	17	1	3	4.58	3	1	75.0	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	---	---	---	---	---	---
Enfield, .....	6,249	11	4	8	16.30	8	1	56.2	---	---	---	---	---	---	---	---	---	---	---	---	---	4	1	1	---	---	---	---	---	---
Fairfield, .....	5,047	7	---	2	4.45	2	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	4	1	1	---	---	---	---	---	---
Greenwich, .....	14,008	38	2	11	22.18	5	3	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	3	1	1	2	4	---	---	---	---
Groton, .....	6,342	12	1	1	8.15	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	1	1	---	---	---	---	---	---
Hamden, .....	5,205	12	---	2	5.11	2	---	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	15	6	7	---	---	---	---	---	---
Hartford, .....	103,868	198	3	87	115.11	22	8	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Huntington, .....	6,081	19	---	12	20.6	5	---	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly, .....	6,063	15	---	3	13.23	4	6	46.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester, .....	12,742	33	1	10	7.65	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden, .....	31,639	77	1	11	35.12	8	1	25.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown, .....	19,538	46	2	15	24.16	4	2	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck, .....	14,431	20	---	16	4.33	2	1	75.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain, .....	36,477	98	4	29	45.13	21	6	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	9	1	1	---	---	---	---	---	---
New Canaan, .....	127,816	302	12	99	162.14	39	10	30.2	---	---	---	---	---	---	---	---	---	---	---	---	---	13	2	16	3	14	8	70	---	---
New Haven, .....	20,959	38	1	19	28.14	6	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London, .....	5,602	9	---	2	12.25	5	2	58.3	---	---	---	---	---	---	---	---	---	---	---	---	---	6	1	1	---	---	---	---	---	---
New Milford, .....	21,898	33	4	21	24.13	6	1	29.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norfolk, .....	26,067	60	1	19	38.17	13	3	41.0	---	---	---	---	---	---	---	---	---	---	---	---	---	6	3	2	---	---	---	---	---	---
Norwich, .....	26,067	60	1	6	15.19	4	---	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange, .....	9,297	13	1	6	15.19	4	---	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plainfield, .....	5,926	15	2	2	9.21	4	---	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Punnam, .....	8,100	12	---	11	9.13	3	1	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southington, .....	6,240	18	---	3	4.76	2	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford, .....	21,664	71	4	24	40.22	16	2	45.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington, .....	9,760	19	---	3	8.98	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Thompson, .....	18,217	33	5	11	21.13	8	4	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington, .....	8,191	15	---	6	7.10	---	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vernon, .....	11,176	21	1	4	13.13	4	---	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallingford, .....	67,282	182	4	50	92.15	34	5	42.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury, .....	9,485	17	1	6	15.14	3	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Winchester, .....	10,231	32	1	7	16.18	6	---	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham, .....	824,595	1926	67	596	1025	14.9	307	77	37.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total of the 38 above towns, .....	224,688	364	19	83	258	13.7	66	15	31.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
127 towns of less than 5,000 inhabitants	1,049,283	2290	86	679	1283	14.6	373	92	36.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 165 towns, .....	5,064	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting, .....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 2; in Greenwich, 4; in Hartford, 52; in Meriden, 2; in Middletown, 7; in New Britain, 6; in New Haven, 53; in New London, 8; in Norwich, 1; in Norwalk, 1; in Torrington, 1; in Waterbury, 16; in Winchester, 4; and in Windham 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Avon, Beacon Falls, Bethlehem, Bridgewater, Brookfield, Burlington, Canterbury, Ellington, Franklin, Haddam, Hartland, Hartwinton, Lebanon, Lyme, Marlborough, Morris, Newington, North Brantford, North Stonington, Prospect, Rocky Hill, Salem, Scotland, Tolland, Union, Warren, Westbrook, Woodbridge.—Total, 31.

The Registrars of the following towns have made no report for September: Bloomfield, Madison, Saybrook.—Total, 3.

# REMARKS.

By mortality reports received there were 1,283 deaths during the month of September. This was 206 less than in August and 41 more than in September of last year, and 12 more than the average number of deaths during September for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,096	1,340	1,412	1,440
February,	1,313	1,515	1,510	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,178	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	1,330	1,208	1,329	1,404	1,199	1,317
June,	1,213	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,044	3,679	3,974	4,082	3,817	3,823
July,	1,411	1,496	1,518	1,537	1,650	1,409
August,	*1,489	1,497	1,761	1,650	1,417	1,362
September,	1,283	1,242	1,408	1,342	1,196	1,169
Total third quarter	4,183	4,145	4,687	4,529	4,263	3,940

The death rate was 14.9 for the large towns, for the small towns 13.7, and for the whole State 14.6. The deaths reported from infectious diseases were 184, being 14.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 1; Canterbury, 5; Enfield, 1; Franklin, 1; Hartford, 2; Madison, 1; Meriden (city), 1; New Hartford, 1; New Haven, 1; New London, 9; New Milford, 6; Norwich (city), 1; South Norwalk (city), 1; Stamford (city), 1; Waterford, 2; Willimantic (city), 1.—Total, 35 in 16 towns.

**Scarlet Fever.**—Ansonia, 6; Beacon Falls, 1; Bethel, 1; Bridgeport, 18; Canaan, 1; Chatham, 4; Cromwell, 3; Danbury (city), 2; Fairfield, 2; Farmington, 3; Greenwich, 6; Hartford, 8; Killingly, 1; Meriden (city), 1; New Britain, 3; New Canaan (town and borough), 8; New Hartford, 1; New Haven, 20; New London, 1; North Canaan, 5; Norwalk, 1; Old Saybrook, 3; Portland, 1; Stafford, 1; Stamford (city), 13; Stamford (town), 1; Stonington, 1; Stratford, 2; Thomaston, 4; Torrington (borough), 2; Waterbury (city), 1; West Haven (borough), 1; Willimantic (city), 1.—Total, 127 in 32 towns.

**Diphtheria and Croup.**—Berlin, 1; Bethel, 11; Bridgeport, 9; Canton, 2; Cromwell, 3; Eastford, 2; Enfield, 6; Essex, 1; Greenwich, 2; Groton, 1; Hartford, 23; Ledyard, 1; Meriden (city), 14; Middletown (city), 1; New Britain, 9; New Haven, 13; New London, 1; New Milford, 1; Norwich (city), 1; Plainfield, 1; Rockville (city), 4; Southington, 2; Stamford (city), 7; Thomaston, 4; Tolland, 1; Waterbury (city), 5; West Haven (borough), 1; Winsted (borough), 1.—Total, 128 in 28 towns.

**Whooping Cough.**—Bethel, 7; Farmington, 1; Greenwich, 3; Middletown (city), 5; Norfolk, 4; North Canaan, 1; North Stonington, 12; Roxbury, 3; Saybrook, 1; Stafford Springs (borough), 4; Stonington, 25.—Total, 66 in 11 towns.

**Typhoid Fever.**—Ansonia, 1; Avon, 1; Berlin, 2; Bethel, 1; Branford, 1; Bridgeport, 10; Canton, 2; Chatham, 1; Cromwell, 3; Danbury (city), 4; Danbury (town), 1; Danielson (borough), 1; Derby, 2; East Hartford, 1; Enfield, 1; Farmington, 5; Glastonbury, 1; Greenwich, 1; Guilford, 1; Hamden, 1; Hartford, 20; Jewett City (borough), 1; Killingly, 1; Mansfield, 1; Meriden (city), 3; Middletown (city), 3; Milford, 3; Montville, 1; Naugatuck, 2; New Britain, 6; New Haven, 36; New London, 3; North Haven, 1; Norwalk (city), 2; Plainfield, 7; Plymouth, 2; Putnam, 1; Redding, 1; Seymour, 1; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 4; Stratford, 1; Thomaston, 1; Thompson, 1; Torrington (borough), 4; Wallingford (borough), 1; Waterbury (city), 20; Waterford, 1; West Hartford, 3; West Haven (borough), 1; Westport, 2; Willimantic (city), 5; Windham, 1; Winsted (borough), 2.—Total, 185 in 53 towns.

**Consumption.**—Branford, 2; Bridgeport, 10; Bridgewater, 1; Hamden, 1; Hartford, 6; Killingly, 1; Mansfield, 2; Meriden (city), 2; Middletown, 2; Middletown (city), 1; Naugatuck, 1; New Britain, 1; New Haven, 34; New London, 1; Norfolk, 1; Norwalk, 1; Norwich (city), 3; Plainfield, 1; Pomfret, 1; Putnam, 2; South Norwalk (city), 2; Stamford (city), 3; Stratford, 3; Thomaston, 1; Wallingford (borough), 3; Waterbury (city), 9; Willimantic (city), 1; Woodstock, 1.—Total, 97 in 28 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Bethany, Bethlehem, Bloomfield, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Cheshire, Chester, Clinton, Colchester, Colebrook, Columbia, Cornwall, Coventry, Danbury, Durham, East Granby, East Haddam, East Haven, East Lyme, Easton, East Windsor, Ellington, Goshen, Griswold, Haddam,

\* Twenty-one delayed certificates for August have been received since the publication of the last Bulletin.

Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Lisbon, Litchfield, Lyme, Marlborough, Meriden, Middlebury, Middletown, Monroe, Morris, New Fairfield, Newington, North Branford, Old Lyme, Oxford, Plainville, Preston, Prospect, Ridgefield, Rocky Hill, Salem, Salisbury, Scotland, Sharon, Shelton (borough), Sherman, Southbury, South Windsor, Sprague, Sterling, Stonington (borough), Suffield, Torrington, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Washington, Watertown, Westbrook, Weston, Wethersfield, Willington, Wilton, Winchester, Windsor, Wolcott, Woodbridge, Woodbury.

All the Health Officers of Litchfield and Middlesex Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Bristol, Granby, Manchester, Simsbury, Windsor Locks.  
NEW HAVEN Co.—Orange.  
NEW LONDON Co.—Groton (borough), Norwich.  
FAIRFIELD Co.—Newtown.  
WINDHAM Co.—Chaplin, Hampton.  
TOLLAND Co.—Somers.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Cerebro Spinal Fever.**—Barkhamsted, 1.  
**Diphtheria and Croup.**—Berlin, 1; Cromwell, 1; Essex, 1; Sprague, 1.—Total, 4.

**Whooping Cough.**—Wolcott, 1.

**Typhoid Fever.**—Bethel, 1; Durham, 1; Seymour, 1; Westport, 1.—Total, 4.

**Consumption.**—Darien, 1; Durham, 1; Norfolk, 1; Plainville, 1; Plymouth, 1; Pomfret, 1; Seymour, 1; Sharon, 1; Westport, 1; Woodbury, 1.—Total, 10.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Quces.	No Growth.
Diphtheria, diagnosis.....	20	30	2	.. 52
"    release.....	20	28	..	.. 48
Tuberculosis.....	36	79	..	.. 115
Typhoid Fever.....	31	50	1	.. 82
Rabies.....	..	1	..	.. 1
Malaria.....	5	9	..	.. 14
Total specimens examined.....				312
Samples of milk analyzed.....				107
"    " water.....				40
"    " illuminating oil tested.....				5

## THE PREVENTION OF EPIDEMICS OF DIPHTHERIA IN SCHOOLS.

PROF. H. W. CONN.

Every fall after the opening of schools, more or less diphtheria appears among school children, frequently assuming an epidemic form. It is much easier to prevent such epidemics than to check them after they have started. Precautionary measures will usually enable a Health Officer to control this disease without allowing it to become epidemic and without the necessity of closing the schools. It is necessary to bear in mind the fact that most cases of diphtheria are contracted by contact, either direct or indirect, with persons carrying the *Bacilli in their throats*. Rarely are the germs acquired from walls, floors or furniture of rooms. The disinfection of a school room will usually have little influence in stopping an epidemic: the isolation from school of children carrying the germs in their throat will do so quickly. When a case appears in a school it almost always happens that very soon other scholars are found to be carrying the germs in their throats and these are a source of danger even though, as frequently happens, they are themselves perfectly well. The forbidding of such persons to attend school until their throats are clear is the one effective way of preventing the spread of the disease among the scholars. Health Officers are therefore urged when a case of diphtheria appears in a school to have the throats of all scholars in the same room examined and then prevent from attending school such as show diphtheria Bacilli. The isolation of such scholars is usually necessary for only a short time and it effectually prevents the spread of the disease without the necessity of closing the school.

The laboratory of the State Board is desirous of aiding in this matter as far as possible. If Health Officers will communicate with Prof. H. W. Conn at Middletown when such cases appear in schools, a sufficient supply of culture tubes will be sent at once for the purpose.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, October 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	72	55	64	.13	Cloudy	13	30.19	30.50
2	88	50	59	0	Clear	100	29.76	
3	81	49	65	0	Clear	75		
4	78	55	66	T	Cloudy	32		
5	72	53	62	.23	Partly Cloudy	35		
6	71	47	59	0	Clear	100		
7	73	54	64	0	Cloudy	30		
8	76	51	64	0	Clear	55		
9	77	60	68	0	Cloudy	36		
10	64	56	60	.46	Cloudy	0		
11	77	59	68	.06	Partly Cloudy	66		
12	72	54	63	0	Cloudy	32		
13	70	54	62	T	Cloudy	3		
14	82	59	70	0	Partly Cloudy	37		
15	74	61	68	T	Cloudy	13		
16	73	60	66	T	Cloudy	7		
17	78	61	70	.35	Partly Cloudy	60		
18	70	51	60	0	Clear	100		
19	69	45	57	0	Clear	100		
20	71	44	58	0	Partly Cloudy	56		
21	70	45	58	0	Cloudy	11		
22	71	55	63	.01	Cloudy	0		
23	81	67	74	.10	Cloudy	21		
24	71	56	64	.86	Cloudy	0		
25	68	52	60	0	Partly Cloudy	70		
26	59	50	54	T	Cloudy	0		
27	59	53	56	.85	Cloudy	0		
28	61	51	56	.78	Cloudy	4		
29	71	43	57	0	Clear	20		
30	71	50	60	0	Partly Cloudy	41		
Mean	71.7	53.3	62.5	3.83				

ATMOSPHERIC PRESSURE.  
(Reduced to sea level; inches and hundredths.)  
Mean..... 30.19; highest..... 30.50; date 19  
Lowest..... 29.76; ..... date 5

TEMPERATURE.  
Highest..... 82°; date 14; lowest..... 43°; date 29  
Greatest daily range..... 32°; ..... date 3  
Least daily range..... 6°; ..... date 27

MEAN FOR THIS MONTH IN  
1905-- 63° 1906-- 66° 1907-- 64° 1908-- 65° 1909-- 62°  
Mean of this month for 5 years..... 64  
Absolute maximum for this month for 5 years..... 92  
Absolute minimum for this month for 5 years..... 36  
Average daily deficiency (—) of this month as compared with mean  
of 5 years..... 1.6  
Accumulated excess since January 1..... 85°  
Average daily excess since January 1..... 0.3°

PRECIPITATION.  
Total this month..... 3.83  
Snowfall..... 0  
Greatest precipitation in 24 hours 1.55, date..... 27, 28  
Snow on the ground at end of month..... 0

TOTAL PRECIPITATION THIS MONTH IN  
1905-- 3.43 1906-- 3.57 1907-- 11.56 1908-- 1.13 1909-- 3.83  
Average of this month for 5 years..... 4.70  
Deficiency (—) of this month as compared with average of 5 years 0.87  
Accumulated deficiency (—) since January 1..... 0.84

WIND.  
Prevailing direction..... S  
Total movement..... 4,935 miles  
Average hourly velocity..... 6.9  
Maximum velocity (for five minutes) 30 miles per hour,  
from S on 4th.

WEATHER.  
Number of clear days..... 7  
Partly cloudy..... 7  
Cloudy..... 16  
On which .or inch, or more, of precipitation occurred..... 10

MISCELLANEOUS PHENOMENA (dates of).  
Auroras..... None  
Halos, solar..... None  
Halos, lunar..... 25  
Hail..... None  
Sleet..... None  
Fog..... 21  
Thunderstorms..... 1  
\*Frosts: light..19, 20, 29; heavy..None; killing..None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1909, and a Statement of the Births and Marriages for the Month of September, 1909.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Diseases.	Accidents and Violence.	All other Diseases.	
Ansonia, -----	14,786	96	1	8	17	13.7	2	3	20.4	---	---	4	---	---	---	---	---	---	---	---	---	2	---	2	1	---	4	1	1	2
Branford, -----	6,827	18	1	2	7	12.3	1	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Bridgeport, -----	90,913	214	15	95	104	13.1	25	7	30.7	1	4	---	---	1	1	1	---	---	---	---	---	8	---	---	0	---	4	11	6	96
Bristol, -----	11,677	22	1	11	8	8.2	2	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Danbury, -----	19,475	27	1	14	21	11.7	1	1	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Derby, -----	9,694	24	1	4	7	8.6	3	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
East Hartford, -----	8,161	13	---	6	8	11.7	2	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Enfield, -----	6,209	13	1	1	10	19.2	2	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Fairfield, -----	5,047	12	---	2	10	23.7	1	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Greenwich, -----	14,008	22	3	13	19	16.2	2	2	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Groton, -----	6,342	15	1	3	10	18.9	---	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13
Hartford, -----	5,205	13	---	1	3	6.7	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Hartford, -----	103,808	195	8	87	115	10.8	20	3	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Huntington, -----	6,981	20	---	4	8	13.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Killingly, -----	6,063	12	---	1	11	19.8	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7
Manchester, -----	12,742	25	4	13	12	11.3	2	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
Meriden, -----	31,639	61	3	22	33	12.1	5	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12
Middletown, -----	19,538	37	1	15	18	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Naugatuck, -----	14,431	40	3	10	22	18.2	7	3	45.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18
New Britain, -----	36,477	150	5	60	45	14.4	22	5	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	74
New Haven, -----	127,810	275	15	142	171	14.7	26	10	21.0	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
New London, -----	20,959	35	2	19	23	12.5	4	2	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
New Milford, -----	5,662	12	---	3	3	6.4	2	1	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Norwalk, -----	21,898	43	---	20	29	15.8	6	1	25.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Norwich, -----	26,067	37	1	31	36	14.2	5	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Orange, -----	9,207	15	1	8	9	11.7	2	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Painfield, -----	5,036	10	1	2	7	16.6	4	---	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Punam, -----	8,100	11	---	5	11	16.2	2	2	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Southington, -----	6,240	12	---	1	4	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Stamford, -----	21,664	77	---	23	35	18.8	9	3	34.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13
Stonington, -----	9,760	13	---	8	15	18.4	4	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
Thompson, -----	7,217	10	2	9	4	6.6	3	---	75.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Torrington, -----	18,217	34	2	13	11	6.6	5	2	63.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Vernon, -----	8,191	18	1	11	10	14.6	2	3	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Wallingford, -----	11,176	21	---	10	7	7.5	2	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Waterbury, -----	67,282	169	8	56	84	14.6	27	7	40.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34
Winsted, -----	9,185	16	---	5	14	15.6	2	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Windham, -----	10,231	26	1	11	24	28.1	9	2	45.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Total of the 38 above towns, -----	824,595	1814	83	749	985	14.3	214	69	28.7	---	---	2	12	4	5	14	9	1	13	1	1	67	3	83	77	15	105	90	74	409
129 towns of less than 5,000 inhabitants	228,678	366	9	139	245	12.8	44	11	22.7	---	---	1	1	---	---	---	2	---	3	---	---	11	5	13	15	5	24	38	8	117
Total reported from 167 towns, -----	1,053,273	2180	92	888	1230	14.0	258	80	27.5	---	---	3	13	5	15	11	1	16	1	1	78	8	96	92	20	120	128	82	526	
Population of town not reporting, -----	1,074	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was : in Bridgeport, 28 ; in Danbury, 3 ; in Greenwich, 4 ; in Hartford, 44 ; in Meriden, 3 ; in Middletown, 10 ; in New Britain, 4 ; in New Haven, 15 ; in New London, 6 ; in Norwalk, 6 ; in Norwich, 7 ; in Stamford, 3 ; in Waterbury, 13 ; in Winchester, 3 ; and in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October : Andover, Ashford, Barkhamsted, Beacon Falls, Bloomfield, Bolton, Canaan, Colebrook, Columbia, Cornwall, Durham, Eastford, Easton, Ellington, Franklin, Goshen, Hartland, Killingworth, Lebanon, Ledyard, Marlborough, North Haven, North Stonington, Pomfret, Rocky Hill, Scotland, Sherman, Southbury, Union, Voluntown, Warren, Weston, Wolcott.—Total, 34.

The Registrar of the following towns has made no report for October : Kent.

# REMARKS.

By mortality reports received there were 1,230 deaths during the month of October. This was 63 less than in September and 16 more than in October of last year, and 3 less than the average number of deaths during October for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,566	1,557	1,606	1,340	1,412	1,440
February,	1,313	1,515	1,519	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,551	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	1,330	1,208	1,329	1,404	1,199	1,317
June,	*1,216	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,047	3,679	3,974	4,082	3,817	3,823
July,	*1,412	1,496	1,518	1,537	1,650	1,409
August,	*1,491	1,407	1,761	1,650	1,417	1,362
September,	*1,293	1,242	1,408	1,342	1,196	1,166
Total third quarter	4,196	4,145	4,687	4,529	4,263	3,940
October,	1,230	1,214	1,334	1,286	1,166	1,167

The death rate was 14.3 for the large towns, for the small towns 12.8, and for the whole State 14.0. The deaths reported from infectious diseases were 165, being 13.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Bridgeport, 1.

• **Measles.**—Bristol, 2; Danbury, 6; Farmington, 1; Greenwich, 1; Hamden, 2; Hartford, 1; New Haven, 1; New London, 60+; New Milford, 6; Sharon, 22; Somers, 2; Stafford, 1; Stamford (city), 1; Thomaston, 1; Waterbury (city), 1; Waterford, 15.—Total, 173+ in 16 towns.

**Scarlet Fever.**—Ansonia, 36; Beacon Falls, 1; Bridgeport, 27; Bristol, 5; Derby, 2; East Lyme, 1; Farmington, 3; Greenwich, 27; Hartford, 13; Manchester, 1; Meriden (city), 1; Middletown, 2; Naugatuck, 1; New Britain, 5; New Canaan, 1; New Haven, 22; New London, 3; Newtown, 2; Norwalk, 6; Preston, 1; Seymour, 1; South Norwalk (city), 1; Stamford (city), 31; Stamford (town), 3; Thomaston, 8; Tolland, 6; Torrington (borough), 16; Waterbury (city), 1; Westbrook, 2; West Haven (borough), 5; Willimantic (city), 7; Windsor Locks, 1.—Total, 242 in 31 towns.

**Cerebro Spinal Fever.**—Berlin, 1; Bridgeport, 1; Brooklyn, 1; Hartford, 1; Mansfield, 1; New Britain, 1; Putnam, 2.—Total, 5 in 7 towns.

**Diphtheria and Croup.**—Bethel, 4; Branford, 1; Bridgeport, 18; Bristol, 3; Coventry, 11; Cromwell, 9; Eastford, 3; East Hartford, 2; Enfield, 3; Greenwich, 4; Groton (town), 1; Groton (borough), 10; Hartford, 29; Hebron, 4; Manchester, 4; Meriden (city), 40; Meriden (town), 5; Middletown (city), 7; Middletown (town), 2; Naugatuck, 3; New Britain, 6; New Hartford, 1; New Haven, 15; New London, 11; Norwich (city), 1; Plainfield, 1; Portland, 1; Putnam, 1; Rockville (city), 5; Southington, 9; South Norwalk (city), 1; Stamford (city), 1; Stonington, 4; Torrington (borough), 2; Trumbull, 2; Waterbury (city), 23; Willimantic (city), 2; Willington, 6.—Total, 255 in 35 towns.

**Whooping Cough.**—Bridgeport, 3; Danielson (borough), 1; Durham, 1; Essex, 2; Guilford, 15; Madison, 30; Manchester, 1; Milford, 1; Norfolk, 4; Seymour, 1; Somers, 4; Stafford, 26; Sterling, 4; Torrington (borough), 3.—Total, 96 in 14 towns.

**Typhoid Fever.**—Ansonia, 4; Bridgeport, 7; Bristol, 4; Brookfield, 1; Brooklyn, 1; Chaplin, 1; Chatham, 1; Danbury (city), 2; Danielson (borough), 2; Derby, 1; Durham, 1; Eastford, 1; East Hartford, 3; Glastonbury, 1; Greenwich, 2; Guilford, 1; Hartford, 14; Killingly, 1; Manchester, 2; Meriden (city), 5; Meriden (town), 2; Middletown (city), 2; Montville, 2; New Britain, 1; New Haven, 6; New London, 4; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 3; Old Saybrook, 1; Orange, 1; Plainfield, 6; Pomfret, 3; Portland, 2; Southington, 1; Stamford (city), 5; Sterling, 1; Thomaston, 4; Thompson, 1; Wallingford (borough), 1; Washington, 1; Waterbury (city), 1; Watertown, 1; West Hartford, 2; West Haven (borough), 1; Willimantic (city), 5.—Total, 115 in 42 towns.

**Consumption.**—Ansonia, 2; Bethany, 1; Branford, 1; Bridgeport, 18; Bristol, 4; Canton, 3; Colchester, 1; Danbury (city), 2; Derby, 1; East Hartford, 3; Enfield, 2; Greenwich, 2; Hartford, 35; Killingly, 1; Manchester, 2; Meriden (city), 13; Montville, 5; Morris, 1; Naugatuck, 1; New Britain, 6; New Canaan, 4; New Haven, 36; New London, 9; North Canaan, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Orange, 1; Plainfield, 1; Portland, 2; Putnam, 1; Rockville (city), 1; Scotland, 1; Sharon, 1; Shelton (borough), 2; Sinsbury, 2; Southington, 2; Sprague, 1; Stamford (city), 3; Stamford (town), 2; Stonington (borough), 1; Thomaston, 1; Torrington (borough), 2; Wallingford, 1; Waterbury (city), 9; Willimantic (city), 2; Windsor, 1. Total, 196 in 45 towns.

**Typhus Fever.**—New Hartford, 1.

\* Three delayed certificates for June, one for July, two for August and ten for September, have been received since the publication of the last Bulletin.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Barkhamsted, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Burlington, Canaan, Canterbury, Cheshire, Chester, Clinton, Colebrook, Columbia, Cornwall, Darien, East Granby, East Haddam, East Haven, Easton, East Windsor, Ellington, Fairfield, Franklin, Goshen, Granby, Griswold, Haddam, Hampton, Hartland, Harwinton, Huntington, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield, Lyme, Marlborough, Middlebury, Middlefield, Monroe, New Fairfield, Newington, North Branford, North Haven, North Stonington, Norwich, Old Lyme, Oxford, Plainville, Plymouth, Prospect, Redding, Rocky Hill, Roxbury, Salem, Salisbury, Saybrook, Sherman, Southbury, South Windsor, Stafford Springs (borough), Stratford, Suffield, Torrington, Vernon, Voluntown, Warren, Weston, Westport, Wethersfield, Wilton, Winchester, Windham, Winsted (borough), Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 84.

All the Health Officers of Hartford, New Haven, New London, Windham, Litchfield and Middlesex Counties have reported, but the Health Officers of the following towns have not reported:

FAIRFIELD Co.—Ridgefield (town and borough).  
TOLLAND Co.—Union.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Sharon, 1.  
Scarlet Fever.—New Hartford, 1.  
Diphtheria and Croup.—Coventry, 1.  
Whooping Cough.—Tolland, 2.  
Typhoid Fever.—Brooklyn, 1; Chaplin, 1; Guilford, 1.  
Consumption.—Bethany, 1; Bethel, 1; Essex, 1; Litchfield, 1; Lyme, 1; Morris, 1; New Canaan, 1; Preston, 1; Salem, 1; Thomaston, 1; Watertown, 1; Windsor, 1; Windsor Locks, 1.—Total, 14.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	76	61	2	..
release .....	255	293	..	..
Tuberculosis .....	48	83	..	..
Typhoid Fever.....	27	37	..	..
Rabies .....	..	..	..	..
Malaria .....	5	7	..	..
Cerebro-Spinal Meningitis..	..	2	..	..

Total specimens examined.....	594
Samples of milk analyzed.....	123
"    " water .....	39
"    " illuminating oil tested.....	4

## LABORATORY NOTICE.

Hereafter the outfits sent out from the Bacteriological laboratory for collecting specimens of diphtheria will contain only one test tube, holding a cotton swab. The physician will use the swab in the ordinary manner, return it to the tube and send to the laboratory. The inoculation upon serum will be made at the laboratory, experience having shown that this method is more certain in its results than the method hitherto used of sending the serum to the physicians.

## WHOOPIING COUGH.

Several times of late, advice has been sought from this office as to whether any attempt should be made to control whooping cough by quarantine. The town health regulations require that this disease be reported and children suffering with it be excluded from school, but it is not one of the diseases requiring quarantine and the attempt is seldom made to keep children having it from running about the streets infecting others.

In Connecticut whooping cough causes more deaths than either measles or scarlet fever and about one half as many as diphtheria, besides being recognized as one of the predisposing causes of tuberculosis, so that it is not always as trivial a disorder as it is sometimes regarded. The susceptibility to the disease diminishes with advancing age and beyond the age of five the mortality is very slight, therefore young children especially should be carefully guarded from exposure to infection. It is propagated by contact or close association with the sick and is rarely conveyed by a third person, so that to confine a child on his own premises is usually sufficient to prevent his spreading the disease. When it has become epidemic in a town, it is doubtful whether quarantine will do very much good, but in small communities where it is possible to get hold of the first cases much can be accomplished by such measures and these ought always to be adopted.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, November 15, 1909.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	date
1	62	48	55	0	Partly Cloudy	26	30.03; highest 30.55	date 20
2	63	49	56	0	Partly Cloudy	31	Lowest 29.62	date 12
3	64	48	56	.02	Cloudy	26		
4	62	48	55	0	Cloudy	26		
5	69	40	54	0	Clear	80		
6	73	41	57	0	Clear	82		
7	78	44	61	0	Clear	79		
8	76	49	62	0	Clear	81		
9	81	49	65	0	Clear	78		
10	82	48	65	0	Clear	79		
11	76	47	62	0	Partly Cloudy	58		
12	70	50	60	.71	Partly Cloudy	44		
13	53	38	46	0	Clear	86		
14	56	34	45	.05	Cloudy	21		
15	57	43	50	.03	Cloudy	12		
16	52	39	46	T	Cloudy	1		
17	54	39	46	T	Partly Cloudy	48		
18	50	39	44	T	Cloudy	0		
19	51	36	44	0	Clear	85		
20	56	30	43	0	Clear	76		
21	56	28	42	.23	Cloudy	9		
22	61	43	54	.01	Cloudy	5		
23	55	42	48	.23	Cloudy	25		
24	46	41	44	.12	Cloudy	0		
25	49	39	44	0	Partly Cloudy	55		
26	62	35	48	0	Partly Cloudy	42		
27	65	46	56	T	Partly Cloudy	42		
28	49	39	44	T	Cloudy	22		
29	40	32	36	0	Clear	74		
30	50	32	41	0	Clear	100		
31	64	37	50	0	Partly Cloudy	40		
Mean	60.7	41.2	51.0	1.40				

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1909,  
and a Statement of the Births and Marriages for the Month of October, 1909.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Lying Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia, .....	14,786	40	1	15	21	17.0	5	6	52.3	---	6	---	---	---	---	---	---	---	---	---	---	---	1	---	2	---	1	0
Branford, .....	6,827	10	4	3	4	5.2	---	---	---	---	---	2	---	4	---	1	---	1	---	---	3	1	7	13	13	15	6	42
Bridgeport, .....	90,913	212	9	109	108	13.5	22	5	25.0	---	---	---	---	---	---	---	---	1	---	---	---	---	3	2	---	---	---	0
Bristol, .....	11,677	26	2	11	10	10.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	4	2	1	3	2
Danbury, .....	19,475	41	2	25	26	14.1	4	---	15.3	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	0
Derby, .....	9,694	22	1	17	7	8.6	---	---	14.2	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
East Hartford, .....	8,161	14	1	8	7	10.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Enfield, .....	6,249	21	---	14	12	23.0	4	1	41.6	---	---	---	---	---	---	---	---	---	---	---	2	---	---	1	2	1	1	4
Fairfield, .....	5,047	6	---	2	5	11.8	1	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Greenwich, .....	14,008	24	1	26	20	10.2	4	---	20.0	---	1	---	---	---	---	---	---	---	---	---	1	---	3	4	1	4	3	2
Groton, .....	6,342	8	---	6	7	15.8	3	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Hamden, .....	5,295	12	---	7	11	22.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Hartford, .....	103,808	184	11	108	114	14	14	2	13.3	---	---	---	---	---	---	---	---	---	---	---	2	---	16	13	4	12	11	52
Huntington, .....	6,981	18	---	2	7	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Killingly, .....	6,003	7	---	13	4	11.3	1	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
Manchester, .....	12,742	12	---	13	12	14.3	5	---	17.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
Meriden, .....	31,639	56	1	30	29	10.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Middletown, .....	19,538	32	---	32	38	13.0	3	---	43.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8
Naugatuck, .....	14,431	27	2	11	10	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10
New Britain, .....	36,477	123	4	60	40	14.3	17	3	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7
New Haven, .....	127,810	296	19	143	160	13	15	2	15.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20
New London, .....	20,959	37	2	18	30	13.4	3	---	23.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	67
New Milford, .....	5,602	16	---	8	7	16.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Norfolk, .....	21,898	48	2	35	31	12.1	5	1	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
Norwich, .....	26,067	48	4	37	9	11.7	4	2	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14
Orange, .....	9,407	23	---	2	7	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Plymouth, .....	5,036	10	---	4	2	2.9	1	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Salem, .....	6,200	13	---	7	4	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Stamford, .....	21,634	70	---	29	43	22.7	10	3	30.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16
Stonington, .....	9,760	18	---	9	7	8.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Thomson, .....	7,217	13	---	6	4	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Torrington, .....	18,217	32	1	20	12	7.9	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Vernon, .....	8,101	15	2	5	10	14.6	2	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Wallingford, .....	11,176	16	---	11	12	12.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Waterbury, .....	67,282	193	6	53	75	13.1	16	11	36.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Winsted, .....	9,185	20	---	10	13	16.9	3	---	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
Winchester, .....	10,231	27	1	18	21	24.8	7	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11
Windham, .....	824,595	1807	73	909	992	14.4	138	70	20.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Total of the 38 above towns, .....	225,389	376	14	168	205	14.1	38	13	19.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	112
127 towns of less than 5,000 inhabitants	1,049,984	2183	87	1077	1257	14.3	176	83	20.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86
Total reported from 165 towns, .....	4,363	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting, .....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 30; in Danbury, 3; in Greenwich, 2; in Hartford, 48; in Meriden, 9; in Middletown, 23; in New Britain, 6; in New Haven, 53; in New London, 11; in Norwich, 8; in Stamford, 6; in Waterbury, 16; in Winchester, 2; and in Windham, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Ashford, Beacon Falls, Bethany, Bethlehem, Bloomfield, Brookfield, Canaan, Canterbury, Chaplin, Chester, Colebrook, Cornwall, Durham, East Granby, Easton, Hampton, Hebron, Killingworth, Ledyard, Lisbon, Marlborough, Morris, North Branford, North Stonington, Oxford, Rocky Hill, Scotland, South Windsor, Union, Warren, Westbrook, Weston, Willington. —Total, 34.

The Registrars of the following towns has made no report for November: Barkhamsted, Hartland, Waterford. —Total, 3.

# REMARKS.

By mortality reports received there were 1,257 deaths during the month of November. This was 21 more than in October and 116 more than in November of last year, and 38 more than the average number of deaths during November for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,606	1,340	1,412	1,440
February,	1,313	1,515	1,510	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,326	1,420	1,430	1,329	1,377
May,	1,330	1,208	1,329	1,404	1,199	1,317
June,	1,216	1,145	1,225	1,248	1,289	1,129
Total second quarter	4,047	3,679	3,974	4,082	3,817	3,823
July,	1,412	1,496	1,518	1,537	1,650	1,409
August,	*1,492	1,407	1,761	1,650	1,417	1,362
September,	1,292	1,242	1,408	1,342	1,196	1,169
Total third quarter	4,196	4,145	4,687	4,529	4,263	3,940
October,	*1,236	1,214	1,334	1,286	1,166	1,167
November,	1,257	1,141	1,241	1,206	1,257	1,162

The death rate was 14.4 for the large towns, for the small towns 14.1, and for the whole State 14.3. The deaths reported from infectious diseases were 190, being 15.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Stamford (city), 1.

**Measles.**—Ansonia, 2; Bridgeport, 1; Bristol, 4; East Windsor, "epidemic"; Enfield, 4; Farmington, 1; Greenwich, 3; Groton (town), 2; Groton (borough), 3; Hartford, 1; Ledyard, 1; Manchester, 2; Middletown (city), 1; Middletown (town), 10; Montville, 9; New Britain, 2; New Canaan, 1; New Haven, 1; New London, 144; Portland, 1; Sharon, 20; Somers, 15; South Norwalk (city), 1; Stratford, 1; Stamford (city), 1; Stonington (borough), 2; Suffield, 2; Waterford, 10; West Haven (borough), 1.—Total, 246+ in 27 towns.

**Scarlet Fever.**—Ansonia, 5; Ashford, 1; Branford, 2; Bridgeport, 39; Bristol, 3; Canaan, 1; Coventry, 4; Danbury (city), 8; Derby, 6; Durham, 2; East Hartford, 3; Fairfield, 5; Farmington, 2; Greenwich, 37; Hartford, 11; Manchester, 8; Meriden, 4; Milford, 1; Naugatuck, 4; New Britain, 10; New Canaan, 5; New Haven, 33; North Haven, 1; Norwalk (city), 1; Norwalk (town), 8; Norwich (city), 1; Norwich (town), 1; Plainfield, 4; Portland, 6; Somers, 3; South Windsor, 2; Stamford (city), 19; Stamford (town), 3; Suffield, 5; Thomaston, 1; Tolland, 6; Torrington (borough), 8; Voluntown, 1; Waterbury (city), 3; Winchester, 1.—Total, 263 in 37 towns.

**Cerebro Spinal Fever.**—East Lyme, 1; Waterbury (city), 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Bethel, 4; Bozrah, 3; Branford, 2; Bridgeport, 11; Bristol, 8; Colchester, 1; Coventry, 1; Danbury, 1; Derby, 2; East Hartford, 3; Ellington, 1; Enfield, 3; Fairfield, 1; Farmington, 3; Greenwich, 2; Groton (town), 2; Groton (borough), 7; Hartford, 38; Kent, 1; Manchester, 2; Meriden (city), 17; Meriden (town), 3; Middletown (city), 4; Naugatuck, 1; New Britain, 10; New Canaan, 1; New Hartford, 2; Hartford, 10; New London, 12; New Milford, 7; North Haven, 1; Norwalk, 2; Plainfield, 3; Plymouth, 3; Putnam, 7; Redding, 3; Southington, 2; South Norwalk (city), 8; Sprague, 1; Stafford, 2; Stamford (city), 10; Stratford, 1; Thompson, 1; Torrington (borough), 1; Waterbury (city), 23; Waterford, 1; West Haven (borough), 2; Willimantic (city), 4; Windsor, 1; Wolcott, 2.—Total, 250 in 49 towns.

**Whooping Cough.**—Ansonia, 2; Bethany, 9; Bethel, 1; Bridgeport, 2; Cheshire, 1; Derby, 2; Madison, 23; Middletown (city), 1; Milford, 1; New Britain, 1; New London, 3; Rockville (city), 2; Somers, 12; Stamford (city), 5; Stamford (town), 1; Torrington (borough), 1; Westbrook, 3.—Total, 70 in 16 towns.

**Typhoid Fever.**—Ansonia, 2; Bristol, 2; Burlington, 1; Canton, 2; Cromwell, 1; Danbury (city), 3; Danbury (town), 1; Enfield, 1; Glastonbury, 2; Hartford, 2; Killingly, 2; Manchester, 2; Mansfield, 1; Meriden, 1; Milford, 1; Morris, 2; New Britain, 5; New Haven, 21; New London, 2; Norwalk (city), 1; Norwalk (town), 2; Plainfield, 2; Plainville, 1; Pomfret, 1; Putnam, 1; Salisbury, 7; South Norwalk (city), 1; Stonington (town), 1; Waterbury (city), 11.—Total, 82 in 27 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 11; Bristol, 1; Brooklyn, 1; Cheshire, 2; Colchester, 1; Danbury (city), 1; Danbury (town), 1; Derby, 2; East Hartford, 1; Glastonbury, 2; Greenwich, 1; Guilford, 1; Haddam, 2; Hamden, 1; Hartford, 22; Manchester, 2; Meriden, (city), 2; Middlefield, 1; Middletown (city), 1; Middletown (town), 2; Milford, 1; New Britain, 4; New Haven, 27; New London,

4; Norwalk (city), 1; Norwich (city), 1; Oxford, 1; Plainfield, 3; Preston, 2; Putnam, 1; Ridgefield, 1; Saybrook, 1; Sharon, 1; Shelton (borough), 1; South Norwalk (city), 1; Stonington (borough), 1; Stratford, 2; Wallingford, 2; Waterbury (city), 22; West Hartford, 2; Wethersfield, 1; Willimantic (city), 4.—Total, 144 in 43 towns.

In addition to the above seventy-eight Health Officers report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, Litchfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Granby, Simsbury.  
FAIRFIELD Co.—Easton, Newtown.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Somers, 3.  
**Cerebro Spinal Fever.**—East Lyme, 1.  
**Diphtheria and Croup.**—Colchester, 2; New Canaan, 1; New Hartford, 1; Stratford, 1; Stratford, 1.—Total, 6.  
**Whooping Cough.**—Brooklyn, 1; Somers, 1.  
**Typhoid Fever.**—Milford, 1; Southbury, 1.  
**Consumption.**—Avon, 1; Brooklyn, 2; Burlington, 1; Haddam, 1; Milford, 1; Ridgefield, 2; Stratford, 1; Suffield, 1; Washington, 1; West Hartford, 1; Westport, 1; Wethersfield, 1; Windsor Locks, 1; Woodstock, 1.—Total 16.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	70	108	3	.. 181
release .....	199	757	..	.. 956
Tuberculosis .....	29	96	..	.. 125
Typhoid Fever.....	14	45	2	.. 61
Rabies .....	..	1	..	.. 1
Malaria .....	1	9	..	.. 10
Total specimens examined.....				1334
Samples of milk analyzed .....				86
" " water .....				36
" " illuminating oil tested.....				4

## INFANTILE MORTALITY.

While so much is being said and written concerning infantile mortality, it is well to consider what that mortality amounts to in Connecticut, to seek the cause and consider the remedies that should be applied in order to lessen it. Thirty-five hundred infants under one year of age die annually; this amounts to about twenty per cent of the total death rate and is about one eighth of the total births for a year, and of this number nearly one-half die under the age of three months, the common causes given being premature birth and inanition. Above the age of three months the more common causes are gastro-intestinal disorders.

Much valuable work is now being done to improve the milk supply of the State and this has been found to have an appreciable effect upon the infant death rate. Health officers should do all that they can to see that the milk supply comes from healthy animals and that it is protected from contamination from the time it leaves the cow until it reaches the consumer. They should aid and cooperate in all movements to educate mothers in the care of their babies. In some of our larger cities milk dispensaries have done a valuable work. These should be in charge of a physician to advise mothers with regard to care and feeding and he should be assisted by a trained nurse to visit and give advice in the home.

Considering the very large death rate in infants under three months old, many of whom live only a few days or hours, also the fact that there are more than a thousand still-births recorded each year, which are not enumerated with either the births or death, it is evident that we must go a step further in seeking the cause and apply the remedy to the mother as well as to the child. Something should be done for her for the child's sake, if not for her own. Babies are often found ill nourished because the mother is too poor to buy proper food for herself, and means must be found to obtain this while she is nursing her baby. A healthy child is not to be expected as the offspring of intemperate or underfed parents. Many mothers endanger the lives of their children by working too hard during the latter months of pregnancy and too frequent childbearing among the poor is also a cause of debility in the mother and her infant. These are matters in which charity organizations and social workers are interested, and with whom health officers should always be ready to cooperate.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, December 15, 1909.

\* One delayed certificate for August and six for October have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	64	41	52	0	Partly Cloudy	0.0	30.16; highest.....	30.76; date 10
2	64	40	56	.15	Cloudy	0.0	29.55; lowest.....	date 25
3	60	47	54	T	Cloudy	0.0	TEMPERATURE.	
4	67	42	50	T	Partly Cloudy	0.0	Highest.....	74°; date 12; lowest.....
5	44	39	42	T	Partly Cloudy	T	Greatest daily range.....	31°; date 12
6	53	32	42	0	Partly Cloudy	0.0	Least daily range.....	5°; date 5
7	49	28	38	0	Clear	0.0	MEAN FOR THIS MONTH IN	
8	55	36	46	.01	Cloudy	0.0	1904..	37° 1905..
9	50	34	42	.01	Clear	0.0	1906..	40° 1907..
10	52	25	38	0	Partly Cloudy	0.0	1908..	41° 1909..
11	68	44	56	0	Partly Cloudy	0.0	Mean of this month for 6 years.....	41
12	74	43	58	0	Partly Cloudy	0.0	Absolute maximum for this month for 6 years.....	(1909) 74
13	62	48	55	0	Cloudy	0.0	Absolute minimum for this month for 6 years.....	(1904) 14
14	55	46	50	0	Cloudy	0.0	Average daily excess of this month as compared with mean of 6 years.....	3.8°
15	62	48	55	T	Cloudy	0.0	Accumulated excess since January 1.....	180°
16	53	39	46	T	Partly Cloudy	0.0	Average daily excess since January 1.....	0.5°
17	59	41	50	.27	Cloudy	0.0	PRECIPITATION.	
18	41	28	34	0	Partly Cloudy	0.0	Total this month.....	2.01
19	39	25	32	T	Cloudy	T	Snowfall.....	1.9
20	56	39	48	0	Partly Cloudy	0.0	Greatest precipitation in 24 hours 0.96, date.....	24-25
21	67	44	56	0	Cloudy	0.0	Snow on the ground at end of month.....	Trace
22	58	46	52	.03	Cloudy	0.0	TOTAL PRECIPITATION THIS MONTH IN	
23	59	29	44	.23	Cloudy	1.5	1904..	1.52 1905..
24	35	29	32	.75	Cloudy	0.0	1906..	2.90 1907..
25	39	30	34	.41	Cloudy	0.4	1908..	4.74 1909..
26	43	30	36	0	Partly Cloudy	0.0	Average of this month for 6 years.....	2.31
27	45	30	38	0	Clear	0.0	Deficiency (—) of this month as compared with average of 6 years.....	0.30
28	49	27	38	0	Clear	0.0	Accumulated excess since January 1.....	2.67
29	43	30	36	.15	Partly Cloudy	0.0	WIND.	
30	38	26	32	0	Partly Cloudy	0.0	Prevailing direction.....	N
Mean	53.1	36.5	44.8	2.01			Total movement.....	6,328 miles
							Average hourly velocity.....	8.9
							Maximum velocity (for five minutes) 34 miles per hour,	
							from NW on 18th.	
							WEATHER.	
							Number of clear days.....	4
							Partly cloudy.....	13
							Cloudy.....	13
							On which .or inch, or more, of precipitation occurred.....	9
							MISCELLANEOUS PHENOMENA (dates of).	
							Auroras.....	None
							Halos, solar.....	None
							Halos, lunar.....	20, 21
							Hail.....	None
							Sleet.....	23, 24, 25
							Fog.....	None
							Thunderstorms.....	2
							*Frosts: light..; heavy..; killing..	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1909



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1909, and a Statement of the Births and Marriages for the Month of November, 1909.

Total estimated population of the State, 1,054,347.

## TOWNS.

	Estimated Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,-----	14,786	42	1	7	16	12.9	2	12.5			1										1	3	1		1	1	1	
Branford,-----	6,857	22		3	4	7.0		25.4																	1	1	1	
Bridgeport,-----	96,913	215	7	101	141	17.4	37	13			3	1		2		1		1		1	11	17		3	9	11	10	
Bristol,-----	11,677	30	1	7	24	24.0	7	5	13.0	4														4	3	1	9	
Danbury,-----	19,475	32	21	37	37	19.0	1	12.5				2		1				2				1	5	1	2	1	4	
Danbury,-----	9,694	9		2	37	13.7	1	2																			18	
Derby,-----	6,101	8			12	13.6	2	16.6			4											2	3				2	
East Hartford,-----	6,101	8			12	13.6	2	16.6														1	2				2	
Enfield,-----	5,349	26		23	14	26.8	3	42.8														1	2				2	
Enfield,-----	5,349	26		23	14	26.8	3	42.8														1	2				2	
Fairfield,-----	3,708	5		17	14	11.9	2	28.1			1																3	
Greenwich,-----	6,342	7		4	2	3.7																					2	
Greenwich,-----	6,342	7		4	2	3.7																					2	
Hamden,-----	5,205	17		101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
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Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1	1	
Hartford,-----	103,868	171	8	101	147	13.7	15	4	12.9			1		4			1	1			1	20	16		1	1		

# REMARKS.

By mortality reports received there were 1,457 deaths during the month of December. This was 192 more than in November and 177 more than in December of last year, and 100 more than the average number of deaths during December for the five years preceding.

	1909	1908	1907	1906	1905	1904
January,	1,366	1,557	1,696	1,340	1,412	1,440
February,	1,313	1,515	1,519	1,235	1,368	1,387
March,	1,572	1,456	1,572	1,489	1,577	1,525
Total first quarter	4,251	4,528	4,787	4,064	4,357	4,352
April,	1,501	1,330	1,420	1,430	1,329	1,377
May,	1,330	1,204	1,329	1,404	1,199	1,317
June,	1,216	1,146	1,225	1,248	1,289	1,129
Total second quarter	4,047	3,680	3,974	4,082	3,817	3,823
July,	1,412	1,406	1,518	1,537	1,650	1,409
August,	1,492	1,410	1,761	1,650	1,417	1,362
September,	1,292	1,240	1,408	1,342	1,196	1,169
Total third quarter	4,196	4,146	4,687	4,529	4,263	3,940
October,	1,236	1,215	1,334	1,286	1,166	1,167
November,	*1,265	1,144	1,241	1,266	1,257	1,162
December,	1,457	1,280	1,442	1,481	1,318	1,258
Total fourth quarter	3,958	3,639	4,017	4,063	3,741	3,587
Total for year	16,452	15,993	17,405	16,738	16,178	15,702

The death rate was 16.4 for the large towns, for the small towns 17.4, and for the whole State 16.6. The deaths reported from infectious diseases were 229, being 15.7 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Bridgeport, 4; Bristol, 423; Brooklyn, 1; Cromwell, 4; East Lyme, 20+; East Windsor, "a few cases"; Enfield, 20; Greenwich, 5; Groton (town), 1; Groton (borough), 25; Hartford, 2; Litchfield, 1; Manchester, 1; Middlefield, 4; Middletown (city), 38; Middletown (town), 19; Montville, 20; New Haven, 1; New London, 68; New Milford, 1; Norwalk, 1; Norwich (city), 3; Norwich (town), 1; Old Saybrook, 2; Oxford, 5; Portland, 3+; Putnam, 1; Rockville (city), 8+; Saybrook, 1; Sharon, 11; Southington, 14; Stamford (city), 2; Stonington (town), 25; Stonington (borough), 50+; Waterbury (city), 3; Waterford, 4; Willimantic (city), 2.—Total, 804+ in 34 towns.

**Scarlet Fever.**—Ansonia, 4; Beacon Falls, 1; Branford, 2; Bridgeport, 75; Chester, 1; Darien, 1; Derby, 13; East Haddam, 1; East Hartford, 1; Enfield, 1; Essex, 1; Fairfield, 5; Farmington, 1; Glastonbury, 1; Greenwich, 53; Griswold, 2; Hamden, 1; Hartford, 11; Huntington, 1; Killingly, 1; Litchfield, 2; Manchester, 5; Meriden (city), 1; Middle-town (city), 2; Naugatuck (borough), 8; New Britain, 3; New Haven, 50; New Milford, 2; Newtown, 1; North Canaan, 2; Norwalk (city), 3; Norwalk (town), 6; Norwich (city), 3; Norwich (town), 1; Orange, 2; Redding, 1; Rockville (city), 1; Roxbury, 3; Salisbury, 1; Seymour, 1; Shelton (borough), 2; Somers, 2; Southington, 1; Stafford, 1; Stamford (city), 18; Stamford (town), 2; Stonington, 4; Thomaston, 2; Thompson, 2; Tolland, 4; Torrington (borough), 4; Trumbull, 4; Voluntown, 2; Waterbury (city), 4; West Hartford, 3; West Haven (borough), 1; Wethersfield, 1.—Total, 337 in 52 towns.

**Cerebro Spinal Fever.**—Southington, 1; Waterbury (city), 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 1; Avon, 26; Bridgeport, 26; Coventry, 2; Cromwell, 1; Danielson (borough), 2; Derby, 5; East Windsor, 1; Enfield, 1; Fairfield, 3; Franklin, 1; Glastonbury, 1; Groton, 4; Hartford, 36; Lebanon, 1; Manchester, 2; Mansfield, 3; Meriden (city), 5; Meriden (town), 3; Middlefield, 2; Middletown (city), 9; Middletown (town), 8; Naugatuck (borough), 3; New Britain, 10; New Haven, 20; Newington, 1; New London, 9; New Milford, 4; Newtown, 1; Norfolk, 1; North Haven, 4; Norwalk, 1; Norwich (city), 1; Norwich (town), 3; Plainfield, 1; Plymouth, 2; Putnam, 3; Rockville (city), 2; Scotland, 1; Shelton (borough), 1; Southington, 2; Stamford (city), 2; Thomaston, 1; Thompson, 1; Wallingford (borough), 1; Waterbury, 16; Watertown, 2; West Hartford, 2; Westport, 1; Wethersfield, 3; Willimantic (city), 3.—Total, 245 in 47 towns.

**Whooping Cough.**—Bethel, 3; Bridgeport, 6; Brookfield, 2; Killingly, 6; Madison, 12; Manchester, 5+; Middletown (city), 2; Milford, 3; Monroe, 1; Naugatuck (borough), 2; Newtown, 5; Plymouth, 1; Somers, 25; Stafford, 8; Stafford Springs (borough), 9; Stamford (city), 6; Stonington, 10; Torrington (borough), 3; Westbrook, 12.—Total, 121+ in 18 towns.

**Typhoid Fever.**—Branford, 1; Bridgeport, 3; Bristol, 2; East Haven, 1; Franklin, 1; Groton, 1; Hamden, 1; Hartford, 2; Killingly, 1; Litchfield, 1; Naugatuck (borough), 1; New Britain, 3; New Haven, 6; New London, 1; Norwalk (city), 1; Plainfield, 2; Portland, 1; South Norwalk (city), 1; Stamford (city), 1; Torrington (borough), 1; Waterbury, 1; Willimantic (city), 1; Woodbury, 1.—Total, 35 in 22 towns.

\* Eight delayed certificates for November have been received since the publication of the last Bulletin.

**Consumption.**—Ansonia, 4; Barkhamsted, 1; Bloomfield, 1; Bridgeport, 18; Cheshire, 2; Darien, 1; East Hartford, 1; East Haven, 1; East Windsor, 1; Greenwich, 1; Hartford, 22; Jewett City (borough), 1; Meriden (city), 7; Middletown, 2; Monroe, 1; Montville, 1; Naugatuck (borough), 2; New Britain, 6; New Haven, 20; New London, 4; New Milford, 1; North Stonington, 1; Norwalk (city), 1; Norwich (city), 4; Plainfield, 1; Portland, 1; Preston, 1; Rockville (city), 1; Simbury, 2; Stamford (city), 5; Sterling, 1; Wallingford (borough), 2; Washington, 1; Waterbury, 15; Watertown, 1; Willimantic (city), 3; Winsted (borough), 1.—Total, 139 in 37 towns.

In addition to the above the Health Officers of sixty-five towns reported that they have not been notified of any infectious diseases.

All the Health Officers of New London, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Berlin, South Windsor, Windsor Locks.

NEW HAVEN Co.—Naugatuck.

FAIRFIELD Co.—Danbury (town and city), Ridgefield (town and borough), Wilton.

WINDHAM Co.—Canterbury.

MIDDLESEX Co.—Haddam.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Avon, 1; Coventry, 1; Kent, 1; Plymouth, 1.—Total 4.

**Whooping Cough.**—New Canaan, 1; North Stonington, 1; Somers, 1.—Total 3.

**Typhoid Fever.**—Glastonbury, 1; Litchfield, 1.—Total 2.

**Consumption.**—Barkhamsted, 1; Bethel, 1; Brooklyn, 1; Canterbury, 1; Cheshire, 1; East Haddam, 1; East Windsor, 1; Glastonbury, 1; Griswold, 1; Guilford, 2; Monroe, 1; Montville, 1; North Canaan, 1; Portland, 1; Preston, 1; Ridgefield, 1; Saybrook, 1; Stafford, 1; Sterling, 1; Stratford, 1; Thomaston, 1; Trumbull, 1; Washington, 1; West Hartford, 1; Westport, 1; Windsor, 1; Windsor Locks, 1; Woodstock, 1.—Total 29.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	48	97	..	..
release .....	139	412	..	..
Tuberculosis .....	44	110	..	..
Typhoid Fever.....	7	20	..	..
Rabies .....	..	..	..	..
Malaria .....	..	6	..	..
Total specimens examined.....				883
Samples of milk analyzed.....				91
" " water .....				29
" illuminating oil tested.....				4

## THE CONFERENCE OF THE HEALTH OFFICIALS OF CONNECTICUT.

The fifth conference of the health officials of the State will be held in Lampson Hall, Yale University, New Haven, on the 8th and 9th of February. This conference will open with an evening session on the 8th at which Dr. Charles Wardell Stiles, Chief of the Division of Zoology, United States Public Health and Marine-Hospital Service, will be the principal speaker. Dr. Stiles is well known through the work he has done in the South in discovering the Hook Worm disease and his efforts to eradicate it. The importance of this discovery is apparent when it is known that an estimate has been made that two million people in the United States south of the Potomac are afflicted with this disease. Connecticut is particularly interested in the work of Dr. Stiles from the fact that he is a native of this State and a graduate of the Wesleyan University of Middletown.

The morning session on the 9th of February will be devoted to a discussion of the Milk Supply of Connecticut. Prof. Conn. State Bacteriologist, Dairy Commissioner Potter, Cattle Commissioner Averill, County Health Officer Pearne and Health Officer Black of New London will all discuss the question from the standpoint of their various official positions.

The conference will close with an afternoon session at which several papers will be presented on subjects of interest, and it is hoped that every health officer will make an effort to attend all the sessions of this conference. A complete program will be issued in a few days.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, January 15, 1910.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1909.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	41	20	30	0	Clear	0.0	Mean..... 29.89; highest..... 30.52; date 12	Lowest..... 29.00; ..... date 20
2	38	29	34	0	Cloudy	0.0	TEMPERATURE.	
3	39	33	30	0	Cloudy	0.0	Highest..... 52°; date 14; lowest..... zero; date 30	Greatest daily range..... 23°; ..... date 13
4	39	32	36	0	Cloudy	0.0	Least daily range..... 6°; ..... date 16	
5	49	34	42	0	Clear	0.0	MEAN FOR THIS MONTH IN	
6	50	30	40	0	Partly Cloudy	0.0	1904.. 23° 1905.. 34° 1906.. 27° 1907.. 34° 1908.. 32° 1909.. 28°	
7	40	28	34	.34	Cloudy	0.0	Mean of this month for 6 years.....	30
8	39	25	32	0	Partly Cloudy	0.0	Absolute maximum for this month for 6 years.....(1903)	65
9	31	20	26	0	Clear	0.0	Absolute minimum for this month for 6 years.....(1904)	zero
10	33	21	27	0	Partly Cloudy	0.0	Average daily deficiency (—) of this month as compared with mean of 6 years.....	1.4°
11	35	24	30	0	Clear	0.0	Accumulated excess since January 1.....	137°
12	27	16	22	0	Clear	0.0	Average daily excess since January 1.....	0.4°
13	45	22	54	1.03	Cloudy	3.0	PRECIPITATION.	
14	52	36	44	.26	Partly Cloudy	0.0	Total this month .....	2.83
15	40	33	36	0	Cloudy	0.0	Snowfall.....	17.5
16	36	30	33	0	Partly Cloudy	0.0	Greatest precipitation in 24 hours 1.29, date.....	13-14
17	30	25	30	T	Clear	T	Snow on the ground at end of month.....	13.3
18	34	23	28	0	Partly Cloudy	0.0	TOTAL PRECIPITATION THIS MONTH IN	
19	31	20	26	0	Clear	0.0	1904.. 3.09 1905.. 3.47 1906.. 3.83 1907.. 4.70 1908.. 3.36 1909.. 2.83	
20	31	18	24	0	Clear	0.0	Average of this month for 6 years.....	3.55
21	30	18	24	0	Clear	0.0	Deficiency (—) of this month as compared with average of 6 years	0.72
22	30	22	26	T	Partly Cloudy	T	Accumulated deficiency (—) since January 1.....	3.39
23	35	23	29	T	Partly Cloudy	T	WIND.	
24	35	25	30	0	Clear	0.0	Prevailing direction.....	NW
25	25	17	21	.44	Cloudy	5.3	Total movement .....	5,840 miles
26	30	24	27	.76	Cloudy	9.2	Average hourly velocity.....	7.8
27	28	16	22	0	Clear	0.0	Maximum velocity (for five minutes) 35 miles per hour, from NW on 26th.	
28	28	6	17	0	Partly Cloudy	0.0	WEATHER.	
29	19	5	12	0	Cloudy	0.0	Number of clear days .....	15
30	13	0	6	0	Clear	0.0	Partly cloudy .....	9
31	25	6	16	0	Clear	0.0	Cloudy .....	9
Mean	34.3	22.0	28.2	2.83			On which .or inch, or more, of precipitation occurred .....	5

### MISCELLANEOUS PHENOMENA (dates of).

Auroras .....	None
Halos, solar .....	None
Halos, lunar .....	29
Hail .....	None
Sleet .....	7
Fog .....	None
Thunderstorms.....	None
*Frosts: light..; heavy..; killing..	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1910, and a Statement of the Births and Marriages for the Month of December, 1909.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 15 years total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,786	44	3	4	12	9.7	3	1	33.3	---	---	---	---	---	1	---	---	---	---	1	1	---	1	2	3	1	2	1	1
Branford, .....	6,827	15	1	5	8	14.0	3	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgeport, .....	90,913	239	8	52	138	15.0	22	6	20.2	---	---	7	2	---	1	1	---	---	---	---	20	18	2	8	16	4	59	4	
Bristol, .....	11,677	16	2	8	13	13.2	4	40.1	---	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury, .....	19,475	32	---	9	27	15.4	6	37.0	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby, .....	8,694	32	---	9	26	28.4	6	3	---	---	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford, .....	8,161	17	1	4	10	14.7	1	6.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield, .....	5,249	38	---	2	9	21.5	---	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Fairfield, .....	14,008	21	2	6	19	16.2	6	2	42.1	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich, .....	6,342	10	---	2	6	11.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton, .....	5,205	7	---	---	15	9.0	---	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden, .....	103,868	191	15	49	153	15.3	26	7	21.5	---	---	---	3	---	2	1	---	---	---	---	11	19	4	15	20	7	99	2	
Hartford, .....	6,981	10	---	4	8	13.7	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hillington, .....	6,903	12	---	3	7	12.6	1	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	12,742	27	2	4	40	9.4	3	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	31,628	67	1	12	47	16.5	7	1	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	19,538	39	1	12	47	16.5	7	1	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown, .....	44,431	24	2	13	16	13.3	2	35.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Nagawick, .....	36,477	125	3	14	45	14.4	12	4	35.5	---	---	---	5	---	3	1	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	127,810	304	18	90	107	17.4	30	12	21.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven, .....	20,950	28	1	12	38	21.1	7	3	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New London, .....	5,602	10	---	1	7	14.9	---	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	21,808	43	1	0	32	16.4	4	1	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	26,097	51	1	13	54	23.4	7	4	20.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	9,207	13	---	5	13	16.9	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield, .....	5,036	9	---	6	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Punam, .....	8,100	17	---	4	11	16.2	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,240	17	---	3	4	7.6	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	21,664	55	2	20	31	16.6	5	1	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,760	20	---	3	19	23.3	3	5	42.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	7,247	9	---	4	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	18,247	39	---	9	14	9.2	6	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	8,191	35	---	4	7	10.2	2	---	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford, .....	11,176	37	---	4	15	16.1	3	1	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	67,282	186	8	34	89	15.5	22	3	28.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winsted, .....	9,185	21	---	6	15	19.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,231	37	2	4	10	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 38 above towns, .....	824,595	1,888	77	424	1,175	17.0	208	69	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
121 towns of less than 5,000 inhabitants	217,842	339	22	75	313	17.2	35	12	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total reported from 159 towns, .....	1,042,437	2,227	99	499	1,488	17.1	243	81	21.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Population of towns not reporting, .....	11,910	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Danbury, 5; in Hartford, 68; in Meriden, 8; in Middletown, 21; in New Britain, 5; in New Haven, 60; in Norwich, 4; in Norwalk, 4; in Putnam, 3; in Stamford, 6; in Waterbury, 19; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Ashford, Beacon Falls, Bethany, Bolton, Bozrah, Canaan, Chaplin, Chatham, Eastford, Goshen, Mansfield, Middlefield, Morris, Prospect, Roxbury, Salem, Sherman, South Windsor, Tolland, Voluntown, Warren, Westbrook, Willington. Total, 23.

The Registrars of the following towns have made no report for January: Cornwall, Coventry, Essex, Hartland, Kent, Ledyard, Marlborough, Norfolk, Trumbull. Total, 9.

# REMARKS.

By mortality reports received there were 1,488 deaths during the month of January. This was 23 more than in December and 122 more than in January of last year, and 14 more than the average number of deaths during January for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,488	1,366	1,557	1,696	1,340	1,412

The death rate was 17.0 for the large towns, for the small towns 17.2, and for the whole State 17.1. The deaths reported from infectious diseases were 126, being 15.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ashford, 12; Bozrah, 2; Bridgeport, 6; Bristol, 110; Brookfield, 7; Brooklyn, 18; Canaan, 4; Canterbury, 2; Columbia, 4; Coventry, 1; Darien, 1; East Lyme, 20+; Enfield, 60; Franklin, 4; Granby, 1; Greenwich, 4; Griswold, 6; Groton (town), 5; Groton (borough), 32; Guilford, 7; Hamden, 1; Hampton, 6; Hartford, 8; Hebron, 30; Kent, 6; Killingly, 1; Lebanon, 2; Ledyard, 2; Manchester, 3; Middletown (city), 160; Middletown (town), 43+ "epidemic"; Montville, "epidemic"; New Britain, 22; New Haven, 30; Newington, 40; New London, 50+; New Milford, 1; Norfolk, 1; Norwich (city), 25; Norwich (town), 13; Old Saybrook, 5; Oxford, 2; Plainfield, 3; Plainville, 50+; Plymouth, 28; Pomfret, 21; Portland, 35+; Preston, 4; Ridgefield (town), 1; Ridgefield (borough), 1; Rockville (city), 12; Rocky Hill, 1; Sharon, 4; Southington, 1; South Windsor, 2; Stamford (city), 9; Stamford (town), 1; Sterling, 8; Stonington (town), 60, "epidemic"; Stonington (borough), 6; Stratford, 1; Thomaston, 1; Thompson, 2; Tolland, 1; Vernon, 4; Washington, 6; Waterbury, 3; Waterford, 15; West Hartford, 4; Willimantic (city), 2; Windham, 1.—Total 1,044+ in 68 towns.

**Scarlet Fever.**—Ansonia, 5; Berlin, 1; Branford, 5; Bridgeport, 102; Bristol, 1; Columbia, 1; Coventry, 2; Danbury (city), 4; Darien, 1; Derby, 15; Durham, 3; East Hartford, 2; East Haven, 1; Enfield, 1; Fairfield, 10; Farmington, 3; Greenwich, 35; Griswold, 1; Hamden, 10; Hartford, 12; Hebron, 1; Huntington, 4; Manchester, 3; Meriden (city), 3; Meriden (town), 1; Middletown (city), 1; Milford, 1; Monroe, 1; Naugatuck, 4; New Britain, 3; New Canaan, 1; New Haven, 75; New London, 7; North Canaan, 2; North Haven, 2; Norwalk (city), 3; Norwalk (town), 2; Norwich (city), 3; Norwich (town), 2; Plymouth, 1; Portland, 1; Saybrook, 1; Seymour, 1; Shelton (borough), 7; Southington, 1; South Norwalk (city), 4; Sprague, 1; Stafford, 2; Stamford (city), 18; Stamford (town), 9; Stonington, 3; Suffield, 1; Thomaston, 1; Tolland, 7; Torrington (borough), 8; Voluntown, 2; Wallingford (town), 1; Wallingford (borough), 4; Washington, 2; Waterbury, 1; West Hartford, 1; West Haven (borough), 8; Westport, 1; Willimantic (city), 2; Wilton, 1; Windsor, 2.—Total, 434 in 64 towns.

**Cerebro Spinal Fever.**—Berlin, 1; Derby, 1; Hamden, 1; Hartford 1.—Total, 4 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 2; Berlin, 2; Bethel, 1; Branford, 4; Bridgeport, 13; Bristol, 1; Danbury (city), 1; Derby, 6; East Hartford, 1; East Lyme, 1; Enfield, 2; Greenwich, 2; Groton, 2; Hartford, 23; Lebanon, 1; Ledyard, 1; Mansfield, 2; Meriden (city), 13; Meriden (town), 1; Middletown (city), 2; Middletown (town), 4; Milford, 1; Naugatuck, 3; New Britain, 6; New Haven, 17; New London, 7; New Milford, 1; Newtown, 2; Norwalk (city), 1; Norwich (city), 1; Norwich (town), 1; Plainville, 1; Plymouth, 6; Rockville (city), 1; Rocky Hill, 1; Salisbury, 1; Shelton (borough), 2; Southington, 2; Stafford Springs (borough), 1; Stamford (city), 3; Sterling, 1; Suffield, 3; Thomaston, 2; Waterbury, 19; Waterford, 1; Watertown, 2; West Hartford, 2; Willimantic (city), 5; Wilton, 3; Winsted (borough), 2; Wolcott, 1; Woodbury, 1.—Total, 135 in 50 towns.

**Whooping Cough.**—Ansonia, 1; Brookfield, 6; Cromwell, 5; Derby, 3; Essex, 6; Fairfield, 2; Griswold, 3; Hartford, 1; Litchfield, 3; Madison, 2; Mansfield, 1; Middlefield, 1; Middletown (city), 36; New Milford, 20; Sprague, 1; Stamford (city), 1; Tolland, 10; Torrington (borough), 3; Westbrook, 14; Weston, 4; Wilton, 3; Woodstock, 6.—Total, 132 in 22 towns.

**Typhoid Fever.**—Ansonia, 1; Bridgeport, 3; Danbury (city), 1; Enfield, 1; Hartford, 4; Killingly, 1; Lisbon, 1; Meriden, 1; Middletown (city), 1; Morris, 1; New Britain, 1; New Haven, 3; North Canaan, 1; North Haven, 1; Norwalk (city), 1; Norwich (city), 1; Plainfield, 2; Stonington (borough), 1; Thomaston, 1; Waterbury, 3; Willimantic (city), 1.—Total, 31 in 21 towns.

**Consumption.**—Ansonia, 2; Bloomfield, 1; Bolton, 1; Bridgeport, 11; Bridgewater, 1; Brooklyn, 1; Colebrook, 1; Columbia, 1; Darien, 6; Derby, 2; East Haddam, 2; Ellington, 1; Groton, 2; Guilford, 1; Hartford, 8; Killingly, 1; Lyme, 1; Manchester, 1; Meriden (city), 7; Middletown (city), 1; Middletown (town), 6; Naugatuck, 1; New Britain, 7; New Canaan, 6; New Haven, 18; New London, 3; Newtown, 3; North Canaan, 1; Norwalk (city), 2; Norwich (city), 2; Plainfield, 2; Putnam, 1; Ridgefield (town), 1; Ridgefield (borough), 1; Rocky Hill, 1; Seymour, 1; Simsbury, 3; Southington, 1; Stamford (city), 2; Stamford (town), 1; Stonington, 2; Torrington (borough), 1; Wallingford (borough), 2; Washington, 1; Waterbury, 10; Watertown, 1; West Haven (borough), 1; Willimantic (city), 1; Winsted (borough), 3; Woodbridge, 1.—Total, 158 in 49 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Burlington, Canton, Chaplin, Chatham, Cheshire, Chester, Clinton, Colchester, Cornwall, Danbury, Danielson (borough), Eastford, East Granby, Easton, East Windham, Glastonbury, Goshen, Hartland, Harwinton, Jewett City (borough), Killingworth, Marlborough, Middlebury, New Fairfield, New Hartford, North Branford, North Stonington, Old Lyme, Orange, Prospect, Roxbury, Salem, Scotland, Sherman, Somers, Southbury, Torrington, Trumbull, Union, Warren, Wethersfield, Willington, Winchester, Windsor Locks.—Total, 50.

All the Health Officers of Hartford, New Haven, New London, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

FAIRFIELD Co.—Redding.  
MIDDLESEX Co.—Haddam.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—North Stonington, 1; Plymouth, 1.

**Scarlet Fever.**—Farmington, 2.

**La Grippe.**—East Haddam, 1; Hebron, 1; North Canaan, 1; Somers, 1; Stafford, 1; Westport, 1; Woodbury, 1; Woodstock, 1.—Total, 8.

**Diphtheria and Croup.**—Milford, 1; Newtown, 1; Plymouth, 1; Wolcott, 1.—Total, 4.

**Consumption.**—Bethel, 2; Bloomfield, 1; Bridgewater, 1; Canton, 1; Clinton, 1; Glastonbury, 1; Griswold, 1; Lisbon, 1; Litchfield, 1; Montville, 1; New Canaan, 1; Newtown, 1; Old Saybrook, 1; Pomfret, 1; Ridgefield, 1; Salisbury, 2; Suffield, 1; Thomaston, 1; Wethersfield, 1; Windsor Locks, 1; Woodbridge, 1.—Total, 23.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Quies.	No Growth.	
Diphtheria, diagnosis.....	38	103	..	..	141
release .....	52	237	..	..	289
Tuberculosis .....	47	78	..	..	125
Typhoid Fever.....	8	30	..	..	38
Rabies .....	..	1	..	..	1
Malaria .....	..	3	..	..	3
Total specimens examined.....					597
Samples of milk analyzed .....					124
" " water examined .....					22
" " sewage " .....					9
" " illuminating oil tested.....					5

## VITAL STATISTICS FOR 1909.

The health of the State for the year 1909 has been good and compares favorably with that of previous years, although there was a slight increase in the death rate over that of 1908. The death rate of 1907 was high, 17.1 per 1000 of population; this was followed by a very low death rate of 15.4 in 1908 and the rate for 1909 was only slightly higher, namely 15.6 per 1000 population. The total deaths for 1909 were 16,460 as compared with 16,000 in 1908.

The births for the year decreased and numbered 25,530 or 24.2 per 1000 population as compared with 26,694 or a rate of 25.7 per 1000 in 1908. The marriages numbered 8925, which is an increase over previous years.

Regarding the deaths from special causes, there were 1422 deaths from tuberculosis, which equals a death rate of 13.4 per 10,000 of population and is the same as that for the previous year, which was the lowest yet recorded.

The greatest improvement is noticed in the deaths from typhoid fever, which numbered 154 and is within three of being the lowest number reported during any one year for the past thirty years. The death rate is 14 per 100,000 of population as compared with 18, 20 and 22 respectively during the three previous years and a rate of 40 per 100,000 of population twenty years ago.

The deaths from the other infectious diseases remain about the same as during the previous year or show a slightly increased rate.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, February 15, 1910.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (in inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	36	6	21	0	Partly Cloudy	0.0	30.10	30.85
2	46	36	41	0	Cloudy	0.0	29.29	
3	36	28	32	.08	Cloudy	0.4		
4	28	-2	13	0	Clear	0.0		
5	21	-6	8	.33	Cloudy	0.3		
6	40	21	30	1.02	Cloudy	0.0		
7	36	24	30	.76	Cloudy	0.1		
8	30	18	24	0	Clear	0.0		
9	34	16	25	0	Partly Cloudy	0.0		
10	29	16	22	0	Clear	0.0		
11	28	12	20	0	Clear	0.0		
12	30	18	24	0	Cloudy	0.0		
13	31	15	22	0	Partly Cloudy	0.0		
14	24	14	19	.74	Cloudy	9.0		
15	30	14	22	.17	Cloudy	2.2		
16	34	10	22	0	Clear	0.0		
17	33	5	19	T	Partly Cloudy	T		
18	47	24	36	.35	Cloudy	0.6		
19	45	31	38	0	Partly Cloudy	0.0		
20	45	25	35	0	Clear	0.0		
21	55	28	42	1.08	Cloudy	0.0		
22	55	35	45	.87	Cloudy	0.0		
23	41	30	30	0	Clear	0.0		
24	39	28	34	0	Cloudy	0.0		
25	36	34	35	.34	Cloudy	0.4		
26	42	27	34	.04	Clear	0.2		
27	38	31	34	.06	Cloudy	0.4		
28	38	29	34	.15	Cloudy	0.7		
29	36	23	30	.68	Cloudy	0.2		
30	34	26	30	T	Clear	T		
31	35	29	32	.01	Cloudy	0.1		
Mean	36.5	20.8	28.6	6.68				

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.10; highest 30.85; date 5
Lowest	29.29; date 29

TEMPERATURE.	
Highest	55°; date 22; lowest -6; date 5
Greatest daily range	30°; date 4
Least daily range	2°; date 25

MEAN FOR THIS MONTH IN	
1905.. 23°	1906.. 34°
1907.. 26°	1908.. 29°
1909.. 29°	1910.. 29°
Mean of this month for 6 years	26
Absolute maximum for this month for 6 years	(1907) 62
Absolute minimum for this month for 6 years	(1907) -9
Average daily excess (+) of this month as compared with mean of 6 years	3.1°
Accumulated excess since January 1	96.1°
Average daily excess since January 1	3.1°

PRECIPITATION.	
Total this month	6.68
Snowfall	14.6
Greatest precipitation in 24 hours	1.95, date 21-22
Snow on the ground at end of month	0.1

TOTAL PRECIPITATION THIS MONTH IN	
1905.. 4.64	1906.. 2.69
1907.. 2.94	1908.. 3.47
1909.. 2.80	1910.. 6.68
Average of this month for 6 years	3.83
Excess (+) of this month as compared with average of 6 years	2.85
Accumulated excess (+) since January 1	2.85

WIND.	
Prevailing direction	N
Total movement	6,008 miles
Average hourly velocity	8.1
Maximum velocity (for five minutes)	48 miles per hour, from NW on 4th.

WEATHER.	
Number of clear days	9
Partly cloudy	5
Cloudy	17
On which .or inch, or more, of precipitation occurred	15

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	20
Hail	None
Sleet	5, 6
Fog	None
Thunderstorms	None
*Frosts: light..; heavy..; killing..	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1910, and a Statement of the Births and Marriages for the Month of January, 1910.

Total estimated population of the State, 1,954,347.

TOWNS.	Estimated Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths from 1 to 5 years.	Deaths over 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia,-----	14,786	33	1	15	52	18.6	5	4	36.1	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---
Brantford,-----	6,827	13	---	6	10.5	16.7	26	15	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgeport,-----	90,913	254	19	105	130	16.7	26	15	31.5	2	6	1	---	---	3	1	2	---	---	---	---	16	21	3	6	16	8	42
Bristol,-----	11,677	31	2	9	15	15.4	3	2	33.3	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---
Danbury,-----	19,475	34	3	20	23	13.5	5	2	58.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Derby,-----	8,694	24	2	11	12	14.8	5	2	58.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Hartford,-----	6,249	22	1	4	7	10.2	2	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Enfield,-----	5,047	7	---	16	11	21.1	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fairfield,-----	6,088	7	---	---	3	7.1	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Greenwich,-----	14,008	30	1	12	19	16.2	5	2	36.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Groton,-----	6,342	9	---	---	10	18.9	2	2	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hamden,-----	5,295	3	---	---	9	20.3	3	2	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford,-----	103,808	209	7	78	143	14.4	19	8	18.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Huntington,-----	6,981	14	---	2	4	6.8	2	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly,-----	6,663	7	2	2	9	16.2	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester,-----	12,742	20	1	5	17	16.0	2	3	29.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden,-----	31,639	47	2	19	38	13.6	6	2	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown,-----	19,538	52	3	26	33	9.8	2	3	15.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck,-----	14,431	30	2	11	10	8.3	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain,-----	36,477	117	5	52	59	19.4	16	6	37.2	2	5	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Haven,-----	127,810	341	17	83	197	17.4	31	12	21.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London,-----	20,959	51	1	18	33	18.3	7	2	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Milford,-----	5,862	4	---	1	6	12.8	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwalk,-----	21,868	48	4	18	24	12.6	3	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwich,-----	26,067	33	---	22	36	15.1	4	6	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange,-----	9,207	15	---	2	16	20.8	2	6	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plainfield,-----	5,036	20	2	2	8	19.0	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plymouth,-----	8,100	16	---	9	4	5.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Putnam,-----	6,210	7	---	2	11	19.3	1	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southington,-----	6,210	7	---	2	11	19.3	1	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford,-----	21,664	63	2	23	35	19.3	5	4	25.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington,-----	9,760	20	1	5	8	9.8	2	1	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Thompson,-----	7,217	6	---	7	2	3.3	1	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington,-----	18,217	39	1	24	21	13.8	5	5	47.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vernon,-----	8,191	17	1	3	11	16.1	3	1	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallington,-----	11,176	22	2	12	6	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury,-----	67,282	211	6	47	99	16.9	24	9	33.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallingford,-----	9,185	12	1	6	15	19.5	3	2	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Winchester,-----	10,231	30	1	12	18	18.7	3	2	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham,-----	824,595	1906	91	689	1134	16.4	198	101	26.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total of the 38 above towns,-----	225,274	375	21	108	276	14.7	38	12	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
126 towns of less than 5,000 inhabitants,-----	1,049,860	2281	112	797	1407	16.0	236	113	24.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 164 towns,-----	4,478	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting,-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 1; in Derby, 2; in Greenwich, 5; in Hartford, 54; in Meriden, 7; in Middletown, 22; in New Britain, 4; in New Haven, 52; in New London, 6; in Norwich, 9; in Stamford, 2; in Waterbury, 22; in Winchester, 2; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Beacon Falls, Bolton, Bozrah, Bridgegewater, Burlington, Canterbury, Colebrook, Columbia, Eastford, Farmington, Franklin, Goshen, Hampton, Hartland, Harwinton, Madison, Marlborough, Middlebury, North Branford, Prospect, Salem, Saybrook, Sherman, Sprague, Tolland, Union, Weston, Woodbridge.---Total, 29.

The Registrars of the following towns have made no report for February: Brookfield, Coventry, Kent, Westbrook.---Total, 4.

# REMARKS.

By mortality reports received there were 1,407 deaths during the month of February. This was 88 less than in January and 94 more than in February of last year, and 17 more than the average number of deaths during February for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	*1,495	1,366	1,557	1,696	1,340	1,412
February,	1,407	1,313	1,515	1,519	1,235	1,368

The death rate was 16.4 for the large towns, for the small towns 14.7, and for the whole State 16.0. The deaths reported from infectious diseases were 235, being 16.7 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ashford, 38; Bozrah, 4; Bridgeport, 5; Bristol, 20; Brooklyn, 12; Canterbury, 1; Colchester, 1; Columbia, 2; Coventry, 2; Cromwell, 11; Derby, 2; Durham, 7; Ellington, 3+; Enfield, 7; Franklin, 2; Glastonbury, 1; Greenwich, 5; Griswold, 1; Groton (town), 8; Groton (borough), 7; Guilford, 5; Haddam, 9; Hartford, 9; Hebron, 17; Kent, 2; Lebanon, 8; Lisbon, 1; Lyme, 1; Manchester, 1; Meriden (city), 2; Middletown (town), 40; Middletown (town), 43+; Montville, 16; New Britain, 86; New Haven, 5; New London, 8; New Milford, 1; North Stonington, 5; Norwich (city), 30; Norwich (town), 7; Plainfield, 3; Plainville, 6+; Plymouth, 22; Pomfret, 10; Preston, 2; Ridgefield (town), 3; Ridgefield (borough), 2; Rockville (city), 30; Salisbury, "epidemic"; Sherman, 6; Southington, 4; Stafford, 3; Stamford (city), 2; Stamford (town), 2; Sterling, 65; Stonington (town), 45; Stonington (borough), 2; Suffield, 20; Thompson, 3; Waterbury (city), 2; West Hartford, "epidemic"; Willimantic (city), 2; Wellington, 12; Windham, 5.—Total 692+ in 58 towns.

**Scarlet Fever.**—Ansonia, 4; Avon, 1; Bethel, 1; Bridgeport, 131; Bristol, 1; Canterbury, 1; Canton, 2; Columbia, 1; Coventry, 8; Danbury (city), 18; Danbury (town), 1; Danielson (borough), 1; Darien, 3; Derby, 3; East Hartford, 1; Enfield, 3; Fairfield, 7; Farmington, 1; Glastonbury, 1; Greenwich, 25; Groton (borough), 1; Hamden, 5; Hartford, 8; Lebanon, 1; Manchester, 1; Mansfield, 4; Meriden (city), 3; Meriden (town), 1; Middletown (city), 2; Middletown (town), 2; Milford, 1; Naugatuck, 4; New Britain, 3; New Canaan, 3; New Haven, 106; New London, 3; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 1; Plainville, 1; Plymouth, 1; Rockville (city), 2; Seymour, 1; Sharon, 1; Shelton (borough), 1; Southington, 1; South Norwalk (city), 4; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 12; Stonington, 3; Stratford, 4; Thomaston, 3; Thompson, 5; Tolland, 1; Torrington (borough), 2; Trumbull, 1; Wallingford (town), 6; Wallingford (borough), 1; Waterbury (city), 2; West Haven (borough), 5; Westport, 2; Willimantic (city), 12; Windham, 1; Windsor, 7; Windsor Locks, 1.—Total, 449 in 60 towns.

**Cerebro Spinal Fever.**—Bristol, 1; Waterbury (city), 1; Willimantic (city), 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 4; Avon, 1; Barkhamsted, 1; Branford, 3; Bridgeport, 23; Bristol, 4; Canton, 6; Colchester, 2; Danbury (city), 2; Darien, 2; Derby, 1; East Lyme, 2; Fairfield, 5; Farmington, 1; Glastonbury, 2; Granby, 1; Greenwich, 1; Groton (borough), 4; Hartford, 36; Lebanon, 1; Manchester, 1; Meriden (city), 6; Meriden (town), 4; Middletown (city), 6; Middletown (town), 8; Naugatuck, 1; New Britain, 8; New Haven, 11; New London, 3; New Milford, 1; Plainfield, 1; Plymouth, 2; Portland, 2; Rockville (city), 1; Shelton (borough), 1; Sherman, 1; Southington, 1; South Norwalk (city), 1; Stafford, 1; Stafford Springs (borough), 1; Stamford (city), 4; Torrington (borough), 2; Waterbury (city), 20; Watertown, 1; West Haven (borough), 1; Wethersfield, 1; Willimantic (city), 2; Wilton, 7.—Total, 201 in 46 towns.

**Whooping Cough.**—Ansonia 3; Bridgeport, 5; Brooklyn, 1; Coventry, 1; Cromwell, 1; Darien, 1; Enfield, 4; Fairfield, 8; Greenwich, 1; Killingly, 5; Madison, 1; Mansfield, 3; Middletown (city), 10; Old Saybrook, 1; Shelton (borough), 15; Stamford (city), 9; Stratford, 3; Suffield, 1; Torrington (borough), "epidemic"; Waterbury (city), 2.—Total, 81+ in 20 towns.

**Typhoid Fever.**—Branford, 1; Bridgeport, 1; Cheshire, 1; Coventry, 2; Enfield, 1; Greenwich, 1; Killingly, 1; Meriden, 1; Naugatuck, 1; New Haven, 4; North Canaan, 1; Shelton (borough), 1; Wallingford (borough), 1; Waterbury (city), 5; West Haven (borough), 1; Willimantic (city), 1.—Total, 24 in 16 towns.

**Consumption.**—Bethany, 1; Bridgeport, 1; Colchester, 1; Danielson (borough), 1; Darien, 1; Derby, 2; East Haven, 1; Easton, 1; Hartford, 13; Killingly, 2; Lebanon, 1; Manchester, 1; Mansfield, 1; Meriden (city), 2; Middletown, 1; Milford, 1; Naugatuck, 1; New Britain, 2; New Canaan, 1; New Haven, 23; New London, 9; North Canaan, 1; Norwalk (city), 1; Norwich (city), 1; Plainfield, 1; Preston, 2; Simsbury, 3; Southington, 3; Sprague, 1; Stafford Springs (borough), 1; Stamford (city), 3; Stonington, 1; Waterbury, 8; West Hartford, 2; Wethersfield, 1; Willimantic (city), 2.—Total, 108 in 36 towns.

In addition to the above the Health Officers of sixty-seven towns report that they have not been notified of any infectious diseases.

\* Seven delayed certificates for January have been received since the publication of the last Bulletin.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

LITCHFIELD Co.—Woodbury.

MIDDLESEX Co.—Essex.

The following DEATHS are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Hebron, 2; Plymouth, 1.

Scarlet Fever.—Stratford, 1.

La Grippe.—Avon, 1; Brooklyn, 1; East Windsor, 1; Ellington, 1; Old Saybrook, 1.—Total, 5.

Diphtheria and Croup.—Colchester, 1; Glastonbury, 1; Wilton, 1.—Total, 3.

Whooping Cough.—Bethel, 1; Essex, 1.

Consumption.—Berlin, 1; Bethel, 1; Canton, 1; Darien, 1; East Haven, 1; Griswold, 1; Ledyard, 1; Middlefield, 1; Montville, 1; New Canaan, 2; Preston, 1; Roxbury, 1; Salisbury, 1; Simsbury, 1; Stafford, 1; Washington, 1; Waterford, 1; Watertown, 1; Wethersfield, 1; Wilton, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	No Growth.	
Diphtheria, diagnosis.....	31	109	..	..	140
"    release .....	27	208	..	..	235
Tuberculosis .....	29	98	..	..	127
Typhoid Fever.....	5	17	..	..	22
Rabies .....	..	..	..	..	0
Malaria .....	..	4	..	..	4
Total specimens examined.....					528
Samples of milk analyzed.....					159
"    " water examined .....					26
"    " sewage .....					9
"    " illuminating oil tested.....					4

## SCARLET FEVER.

Scarlet fever has been very prevalent in the state during the past winter, particularly in Bridgeport, New Haven and some of the towns in Fairfield County. 449 cases were reported last month as compared with 129 cases in February 1909 and 197 cases in February 1908.

There is no one of the infectious diseases which differs in the intensity of its outbreaks as does scarlet fever, the mortality varying widely in different epidemics. The present outbreak is very mild, which in a measure accounts for its continuance, since there are many mild walking cases whose only symptom is a slight sore throat and these ambulatory cases may convey the disease as well as the more serious ones.

The specific germ of scarlet fever is not known, but the disease is probably some form of streptococcus infection. We do not know either how the infection is carried from one person to another. The desquamation of the epidermis has been looked upon as the danger time for infection and the scales themselves supposed to be carriers of the poison, but this is by no means proven. It is quite likely in the onset at least that the contagion is contained in the secretions of the nose, throat and respiratory tract, and it has been suggested that the scales of epidermis contain the poison only as they become infected by the secretions. Experience shows that patients may give the disease to others until the completion of desquamation, which lasts usually until the sixth week of the disease, but no person should be considered well or free from infection who still has a discharge from the ears or nostrils.

For the control of the disease we must prevent the contact of the sick with the well and must insist on a thorough disinfection of the secretions during illness and of the patient and apartments at its completion. Isolation is difficult in most homes and disinfection has often proved illusive, so that better results could be obtained by removal of the patient to a well-equipped hospital for the care of contagious diseases. More attention must be paid to the latent cases. Much is to be expected from a rigid system of school inspection and persistence in the disinfection of the secretions of the nose and throat. The school room is usually thought to be the chief factor in the spread of the disease, but in the present outbreak the number of cases in adults and children under school age would indicate that it is quite as readily contracted elsewhere, probably in trolley cars, theatres and other public assemblies. Health officers and physicians can do little in the control without the coöperation of the public, and all should obey the Golden Rule by submitting to a proper diagnosis of even the mildest case and by a strict observance of all sanitary regulations.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 15, 1910.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	34	22	28	0	Clear	0.0	30.10	30.79	date 26
2	40	23	32	0	Partly Cloudy	0.0	29.58		date 12
3	39	27	33	.11	Cloudy	0.1			
4	37	26	32	.02	Clear	0.2			
5	32	18	25	T	Clear	T			
6	18	-5	6	0	Clear	0.0			
7	12	-6	3	0	Clear	0.0			
8	41	11	26	0	Partly Cloudy	0.0			
9	36	30	33	.33	Cloudy	1.5			
10	39	20	30	.02	Partly Cloudy	T			
11	22	13	18	.68	Partly Cloudy	5.2			
12	32	18	25	.43	Cloudy	3.8			
13	30	18	24	0	Partly Cloudy	0.0			
14	34	18	26	0	Partly Cloudy	0.0			
15	43	28	36	0	Cloudy	0.0			
16	57	35	46	T	Cloudy	0.0			
17	35	22	28	.54	Cloudy	0.0			
18	30	14	22	.45	Partly Cloudy	0.0			
19	26	11	18	0	Clear	0.0			
20	37	17	27	T	Clear	T			
21	54	32	43	.72	Partly Cloudy	0.0			
22	43	26	34	.65	Cloudy	2.0			
23	34	16	25	T	Partly Cloudy	T			
24	23	10	16	0	Partly Cloudy	0.0			
25	23	5	14	0	Clear	0.0			
26	35	5	20	0	Cloudy	0.0			
27	52	34	43	T	Cloudy	0.0			
28	54	46	50	.48	Cloudy	0.0			
29									
30									
31									
Mean	35.4	19.1	27.2	4.43					

ATMOSPHERIC PRESSURE.		
Mean	30.10	highest 30.79; date 26
Lowest	29.58	date 12

TEMPERATURE.		
Highest	57°	date 16; lowest -6; date 7
Greatest daily range	30°	date 8
Least daily range	6°	date 9

MEAN FOR THIS MONTH IN		
1905	21°	1906 28° 1907 20° 1908 24° 1909 32° 1910 27°
Mean of this month for 6 years		27
Absolute maximum for this month for 6 years		(1910) 57
Absolute minimum for this month for 6 years		(1908) -6
Average daily excess (+) of this month as compared with mean of 6 years		0.0°
Accumulated excess since January 1		96.1°
Average daily excess since January 1		1.6°

PRECIPITATION.		
Total this month		4.43
Snowfall		12.8
Greatest precipitation in 24 hours	1.11	date 11-12
Snow on the ground at end of month		0.0

TOTAL PRECIPITATION THIS MONTH IN		
1905	1.79	1906 2.30 1907 2.18 1908 4.98 1909 5.47 1910 4.43
Average of this month for 6 years		3.55
Excess (+) of this month as compared with average of 6 years		0.88
Accumulated excess (+) since January 1		3.73

WIND.		
Prevailing direction		NW
Total movement		5,866 miles
Average hourly velocity		8.7
Maximum velocity (for five minutes)	35 miles per hour,	
	from W on 23d.	

WEATHER.		
Number of clear days		8
Partly cloudy		10
Cloudy		10
On which .01 inch, or more, of precipitation occurred		11

MISCELLANEOUS PHENOMENA (dates of).		
Auroras		None
Halos, solar		None
Halos, lunar		19, 23, 24
Hail		None
Sleet		17, 18
Fog		None
Thunderstorms		None
*Frosts: light; heavy; killing		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1910, and a Statement of the Births and Marriages for the Month of February, 1910.

Total estimated population of the State, 1,054,347.

## TOWNS.

TOWNS.																												
Estimated Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,786	49	2	20	12.9	4	3	43.7	---	2	---	---	---	---	---	---	---	---	---	---	---	1	2	---	4	1	1	5
Branford, .....	6,827	6	1	4	7.0	2	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Bridgeport, .....	90,913	217	7	61	154.9	27	15	27.2	5	---	---	---	4	---	---	---	---	---	---	---	17	25	4	8	18	9	10	
Bristol, .....	11,077	23	8	27	27.7	5	5	37.0	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	7	
Danbury, .....	19,475	36	3	9	37.2	11	3	37.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
Derby, .....	9,694	31	5	10	23.5	5	3	42.1	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	3	
East Hartford, .....	8,161	7	1	5	9.1	2	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Enfield, .....	6,249	21	9	15	28.7	1	1	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Fairfield, .....	5,047	7	7	17	16.6	2	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Greenwich, .....	14,068	19	2	13	20.23	7	1	27.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21	
Groton, .....	6,342	4	2	17	32.1	7	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden, .....	5,295	15	---	---	11.3	1	3	80.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	
Hartford, .....	103,868	180	9	55	158.15	15	11	16.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Huntington, .....	6,981	12	1	3	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Killingly, .....	6,663	10	---	---	21.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Manchester, .....	12,742	23	---	---	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Meriden, .....	31,639	60	2	16	52.10	9	3	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20	
Middletown, .....	19,538	31	2	13	51.29	6	7	25.4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
Naugatuck, .....	14,431	26	1	7	8.6	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
New Britain, .....	36,477	119	2	48	60.19	4	16	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	
New Britain, .....	127,810	261	10	76	204.17	28	11	19.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85	
New Milford, .....	20,959	36	1	13	32.16	4	2	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
New Milford, .....	5,602	9	1	4	10.21	4	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Norwalk, .....	21,868	41	1	12	35.10	4	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	
Norwich, .....	26,067	48	3	15	50.22	7	6	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Orange, .....	9,207	22	---	---	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Plainfield, .....	5,036	12	1	11	26.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Punam, .....	8,100	10	1	8	11.13	1	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Southington, .....	6,240	10	---	---	7.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
Stamford, .....	21,664	80	1	14	39.20	6	2	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Stamford, .....	9,760	19	---	---	15.9	2	2	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Thompson, .....	7,217	6	---	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Torrington, .....	18,217	31	11	19	12.5	2	3	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Vernon, .....	8,191	15	---	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Wallingford, .....	11,176	21	---	---	16.1	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Waterbury, .....	67,282	146	8	41	93.16	19	11	32.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39	
Winchester, .....	9,185	18	---	---	11.7	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
Windham, .....	10,231	35	11	19	21.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
Total of the 38 above towns, .....	824,595	1725	60	514	129.3	18.8	202	109	24.0	12	12	43	3	22	11	5	7	2	2	12	1	118	206	40	97	143	\$3,504	
125 towns of less than 5,000 inhabitants	224,127	350	17	66	326.17	4	38	4	12.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125
Total reported from 163 towns, .....	1,048,722	2075	77	580	1619	18.5	240	113	---	14	13	60	3	29	12	9	7	2	2	13	1	139	254	51	134	186	629	
Population of towns not reporting, .....	5,625	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Bridgeport, 35; in Danbury, 2; in Derby, 4; in Greenwich, 7; in Hartford, 60; in Meriden, 8; in Middletown, 21; in New Britain, 13; in New Haven, 60; in New London, 9; in Norwich, 7; in Putnam, 4; in Stamford, 3; in Waterbury, 25; in Winchester, 2; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Bridgewater, Brookfield, Columbia, Eastford, East Granby, Goshen, Hartland, Hartwinton, Lisbon, Lyme, Marlborough, North Stonington, Old Lyme, Oxford, Prospect, Roxbury, Salem, Somers, Thomaston, Union, Warren, Weston, Wolcott, Woodstock. —Total, 24.

The Registrars of the following towns have made no report for March: Bethany, Chaplin, Cornwall, Haddam, Madison. —Total, 5.

# REMARKS.

By mortality reports received there were 1,619 deaths during the month of March. This was 200 more than in February and 47 more than in March of last year, and 86 more than the average number of deaths during March for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	*1,498	1,366	1,557	1,696	1,340	1,412
February,	*1,419	1,313	1,515	1,519	1,235	1,368
March,	1,619	1,572	1,456	1,572	1,489	1,577
	4,536	4,251	4,528	4,787	4,064	4,357

The death rate was 18.8 for the large towns, for the small towns 17.4, and for the whole State 18.5. The deaths reported from infectious diseases were 286, being 17.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Ashford, 9; Bloomfield, 2; Bridgeport, 12; Chatham, 6; Colchester, 20; Coventry, 5; Danielson (borough), 5; Durham, 9; Ellington, 15+; Greenwich, 3; Groton (town), 6; Groton (borough), 1; Guilford, 1; Hartford, 33; Hebron, 3; Killingly, 3; Ledyard, 1; Lisbon, 1; Manchester, 1; Meriden (city), 1; Middletown (city), 10; Middletown (town), 21+; Milford, 1; New Britain, 29; New Haven, 1; New London, 1; New Milford, 1; Norwich, 2; Oxford, 1; Plainfield, 7; Putnam, 9; Ridgefield (town), 28; Ridgefield (borough), 3; Rockville (city), 30+; South Norwalk (city), 1; Sprague, 1; Stafford, 2; Stamford (city), 4; Stamford (town), 2; Sterling, 39; Stonington (borough), 2; Suffield, 23; Tolland, 9; Vernon, 3; Washington, 1; Waterbury (city), 4; Windham, 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 376+ in 46 towns.

**Scarlet Fever.**—Ansonia, 10; Branford, 2; Bridgeport, 71; Bristol, 2; Brookfield, 1; Burlington, 3; Canterbury, 2; Coventry, 11; Danbury (city), 3; Danbury (town), 1; Darien, 1; Derby, 1; East Lyme, 3; Easton, 1; Fairfield, 1; Farmington, 1; Franklin, 1; Glastonbury, 1; Greenwich, 28; Griswold, 1; Hamden, 2; Hartford, 26; Huntington, 7; Lebanon, 1; Manchester, 4; Mansfield, 5; Meriden (city), 3; Middletown (city), 6; Middletown (town), 1; Milford, 5; Montville, 1; Naugatuck (borough), 6; New Britain, 2; New Canaan, 8; New Fairfield, 1; New Haven, 98; New London, 14; New Milford, 1; Newtown, 1; North Haven, 4; Norwalk (city), 1; Norwalk (town), 4; Norwich (city), 3; Orange, 1; Plainfield, 1; Putnam, 1; Rockville (city), 3; Rocky Hill, 4; Salisbury, 3; Seymour, 1; Sharon, 1; Shelton (borough), 1; Sherman, 1; Southington, 7; South Norwalk (city), 4; Sprague, 1; Stamford (city), 13; Stamford (town), 3; Stonington, 13; Stratford, 7; Suffield, 5; Thomaston, 12; Torrington (borough), 4; Trumbull, 2; Union, 1; Voluntown, 5; Wallingford (borough), 1; Waterbury (city), 6; West Haven (borough), 11; Westport, 13; Willimantic (city), 5; Wilton, 1; Windham, 2; Windsor, 6; Woodbridge, 1.—Total, 489 in 71 towns.

**Cerebro Spinal Fever.**—New Britain, 1.

**Diphtheria and Croup.**—Ansonia, 4; Avon, 2; Berlin, 1; Branford, 3; Bridgeport, 24; Bristol, 4; Danbury (city), 1; Darien, 1; Fairfield, 3; Granby, 1; Greenwich, 2; Haddam, 1; Hamden, 2; Hartford, 40; Huntington, 1; Lebanon, 1; Ledyard, 1; Litchfield, 1; Manchester, 2; Meriden (city), 10; Meriden (town), 3; Middletown (city), 2; New Britain, 6; New Canaan, 7; New Hartford, 1; New Haven, 19; New London, 2; Newtown, 1; North Stonington, 1; Norwalk (city), 2; Norwich (city), 2; Norwich (town), 1; Oxford, 1; Plainfield, 1; Plainville, 1; Plymouth, 1; Rockville (city), 6; Simsbury, 1; Stamford (city), 9; Stonington, 2; Suffield, 9; Tolland, 1; Torrington (borough), 1; Wallingford (borough), 1; Waterbury (city), 20; Watertown, 1; Wethersfield, 1; Willimantic (city), 1; Winsted (borough), 1.—Total, 211 in 47 towns.

**Whooping Cough.**—Ansonia, 1; Bridgeport, 13; Canton, 1; East Haven, 1; Fairfield, 10; Hebron, 1; Mansfield, 1; Middletown (city), 2; Middletown (town), 1; Naugatuck (borough), 3+; North Haven, 4; Norwich (city), 1; Old Saybrook, 5+; Shelton (borough), 25; Stamford (city), 5; Stamford (town), 1; Waterbury (city), 5; Westport, 4.—Total, 84 in 16 towns.

**Typhoid Fever.**—Berlin, 1; Derby, 1; Meriden (city), 1; Naugatuck (borough), 1; New Haven, 9; New London, 1; North Canaan, 1; South Norwalk (city), 1; Stonington (borough), 1; Waterbury (city), 1; Waterford, 1; Willimantic (city), 1.—Total, 20 in 12 towns.

**Consumption.**—Ansonia, 4; Beacon Falls, 1; Berlin, 2; Branford, 2; Bridgeport, 20; Bristol, 1; Canton, 1; Chester, 1; Cornwall, 1; Danielson (borough), 2; Derby, 2; Glastonbury, 1; Greenwich, 2; Guilford, 1; Haddam, 1; Hartford, 22; Huntington, 1; Killingly, 1; Meriden (city), 4; Meriden (town), 2; Middletown (city), 2; Naugatuck (borough), 1; New Britain, 8; New Canaan, 1; New Haven, 11; New London, 4; New Milford, 1; Newtown, 1; Norwalk (city), 1; Norwich (city), 2; Old Saybrook, 1; Plainfield, 1; Preston, 1; Rockville (city), 3; Shelton (borough), 1; Simsbury, 2; Southbury, 1; South Norwalk (city), 4; Stamford (city), 2; Stamford (town), 1; Stratford, 1; Thompson, 1; Tolland, 2; Waterbury (city), 19; Waterford, 1; West Hartford, 1; West Haven (borough), 1; Westport, 3; Willimantic (city), 4; Windham, 1; Woodbridge, 1.—Total, 156 in 48 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

\* Three delayed certificates for January and twelve for February have been received since the publication of the last Bulletin.

—Andover, Barkhamsted, Bethany, Bethel, Bethlehem, Bolton, Bozrah, Bridgewater, Brooklyn, Canaan, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Cromwell, Eastford, East Granby, East Haddam, East Hartford, East Windsor, Enfield, Essex, Goshen, Hampton, Hartland, Harwinton, Jewett City (borough), Kent, Killingworth, Lyme, Madison, Marlborough, Middleborough, Middlebury, Middlefield, Monroe, Morris, Newington, Norfolk, North Branford, Old Lyme, Poinfret, Portland, Prospect, Redding, Roxbury, Salem, Saybrook, Scotland, Somers, South Windsor, Stafford Springs (borough), Torrington, Wallingford, Warren, Westbrook, Weston, Willington, Winchester, Wolcott, Woodbury, Woodstock.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Salisbury, 2.

**Scarlet Fever.**—New Canaan, 1.

**Diphtheria and Croup.**—Avon, 1; East Haddam, 1; New Canaan, 2; Suffield, 2; Wilton, 1.—Total, 7.

**Whooping Cough.**—Essex, 1.

**Consumption.**—Bethel, 1; Bozrah, 1; Canton, 1; Chester, 1; Colchester, 1; Darien, 1; Easton, 1; Kent, 1; Litchfield, 1; New Canaan, 1; Newtown, 1; North Canaan, 1; Plainville, 1; Portland, 1; Preston, 1; Ridgefield, 1; Rocky Hill, 1; Stratford, 1; West Hartford, 1; Windsor, 1; Woodbury, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	30	94	..	..
release .....	33	59	..	..
Tuberculosis .....	39	163	..	..
Typhoid Fever.....	2	24	..	..
Rabies .....	..	1	..	..
Malaria .....	..	7	..	..
Total specimens examined.....				454
Samples of milk analyzed .....				275
“ “ water examined .....				21
“ “ sewage .....				8
“ “ illuminating oil tested.....				4

## FLY-TIME.

The approach of fly-time warrants us, at the risk of repetition, to again say a few words regarding this dangerous pest. Until recent years the common house-fly, like the mosquito, though considered an irritating nuisance, was thought to be otherwise harmless. Even now, though it is recognized by sanitary authorities as a dangerous disease carrier, comparatively few people consider it as such. As a carrier of contagion, it is the habit of the fly to swarm over fecal matter and other filth, and then to feed upon our table, depositing thereon perhaps the germ of typhoid fever, dysentery or tuberculosis. These facts call for better sanitation and the destruction of breeding places, especially in the spring of the year, when they commence to breed from the few flies or eggs, which have survived the winter. Each female lays about one hundred and fifty eggs, which hatch in about eight hours' time. They then pass through the stages of maggots and pupae and become adult flies in about ten days, ready to breed again, so that it can readily be seen how rapidly they multiply by the end of the summer.

The following rules have been laid down for dealing with the nuisance:

Do not allow decaying material of any sort to accumulate on or near your premises.

All refuse which tends in any way to fermentation, such as bedding, straw, paper, waste and vegetable matter, should be disposed of or covered with lime. Keep all receptacles for garbage carefully covered and the cans cleaned or sprinkled with lime.

Keep all stable manure in vault or pit, screened or sprinkled with lime.

See that your sewerage system is in good order; that it does not leak, is up-to-date and not exposed to flies. Pour kerosene into the drains. Burn or bury all table refuse.

Screen all food, whether in the house or exposed for sale. Keep the flies away from the sick, especially those ill with contagious diseases. Kill every fly that strays into the sick room. Its body is covered with disease germs.

While it may be impossible to exterminate all flies, yet the danger and trouble may be greatly lessened by a proper use of screens for doors and windows.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1910.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	48	35	42	.23	Cloudy	0	30.08	29.46
2	40	34	37	.09	Cloudy	0	30.50	
3	46	31	38	0	Partly Cloudy	72		
4	49	32	40	0	Clear	100		
5	50	30	43	0	Clear	75		
6	56	34	45	.05	Partly Cloudy	59		
7	49	34	42	.31	Partly Cloudy	55		
8	39	30	34	0	Partly Cloudy	36		
9	44	28	36	0	Partly Cloudy	64		
10	38	24	31	0	Cloudy	70		
11	45	23	34	0	Clear	90		
12	46	27	36	0	Clear	75		
13	54	31	42	.02	Clear	85		
14	39	26	32	.01	Partly Cloudy	69		
15	39	24	32	0	Partly Cloudy	71		
16	48	22	35	0	Partly Cloudy	79		
17	38	23	30	.01	Partly Cloudy	31		
18	43	18	30	0	Clear	100		
19	51	30	40	0	Clear	81		
20	62	38	50	.11	Partly Cloudy	38		
21	53	35	44	0	Clear	93		
22	55	33	44	T	Partly Cloudy	44		
23	61	39	50	0	Clear	83		
24	53	35	44	0	Partly Cloudy	38		
25	78	45	62	0	Clear	77		
26	54	40	47	0	Clear	96		
27	58	40	49	0	Partly Cloudy	78		
28	52	38	45	0	Cloudy	44		
29	78	46	62	0	Clear	87		
30	78	51	64	0	Partly Cloudy	52		
31	57	42	50	.07	Cloudy	43		
Mean	51.8	32.8	42.34	0.95		64		

ATMOSPHERIC PRESSURE.  
(Reduced to sea level; inches and hundredths.)  
Mean..... 30.08; highest..... 30.50; date 19  
Lowest..... 29.46; ..... date 13

TEMPERATURE.  
Highest..... 78°; date 29; lowest..... 18°; date 18  
Greatest daily range..... 33°; ..... date 25  
Least daily range..... 6°; ..... date 2

MEAN FOR THIS MONTH IN  
1905.. 36° 1906.. 31° 1907.. 38° 1908.. 37° 1909.. 35° 1910.. 42°  
Normal for this month ..... 35  
Absolute maximum for this month for 6 years ..... 80-07  
Absolute minimum for this month for 6 years ..... 7-06  
Average daily excess (+) of this month as compared with  
the normal ..... 7.3°  
Accumulated excess since January 1 ..... 322.4°  
Average daily excess since January 1 ..... 3.6°

PRECIPITATION.  
Total this month ..... 0.95  
Snowfall ..... 0.2  
Greatest precipitation in 24 hours 0.36, date ..... 6-7  
Snow on the ground at end of month ..... 0

TOTAL PRECIPITATION THIS MONTH IN  
1905.. 3.35 1906.. 5.02 1907.. 1.33 1908.. 3.06 1909.. 3.64 1910.. 0.95  
Normal for this month ..... 4.32  
Deficiency (-) of this month as compared with the normal ..... 3.37  
Accumulated excess (+) since January 1 ..... 0.36

WIND.  
Prevailing direction ..... S  
Total movement ..... 6,256 miles  
Average hourly velocity ..... 8.4  
Maximum velocity (for five minutes) 29 miles per hour,  
from S on 19th.

WEATHER.  
Number of days, clear ..... 12  
Partly cloudy ..... 14  
Cloudy ..... 5  
On which .01 inch, or more, of precipitation occurred ..... 9

MISCELLANEOUS PHENOMENA (dates of).  
Auroras ..... 27  
Halos, solar ..... None  
Halos, lunar ..... 22  
Hail ..... None  
Sleet ..... None  
Fog ..... 2  
Thunderstorms ..... 6, 7, 31  
Mean relative humidity ..... 68 per cent.  
\*Frosts: light..; heavy..; killing..

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1910, and a Statement of the Births and Marriages for the Month of March, 1910.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in March.	Still Births in March.	Marriages in March.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths from 1 to 5 years.	Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	14,786	36	---	3	21	17.0	4	5	---	---	---	3	1	---	---	---	---	---	---	---	---	---	3	---	---	---	2	4	
Andover, .....	6,827	17	---	1	7	12.3	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Bridgport, .....	90,913	219	7	35	137	17.9	24	11	28.5	---	2	---	---	2	1	---	---	---	---	---	6	1	16	21	2	9	17	5	
Bristol, .....	11,077	27	1	2	11	11.3	2	---	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Danbury, .....	19,475	28	12	32	32	17.8	4	4	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Derby, .....	9,694	25	3	1	14	17.3	2	2	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
East Hartford, .....	8,161	15	---	1	7	16.2	2	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Enfield, .....	6,240	27	3	3	10	19.2	2	1	30.0	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Fairfield, .....	5,047	3	---	---	3	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Greenwich, .....	14,008	24	1	10	21	17.9	4	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Groton, .....	6,342	13	---	6	9	17.0	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Hamden, .....	5,295	10	---	1	6	13.6	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Hartford, .....	103,808	211	11	99	144	13.1	11	10	14.5	---	1	---	3	5	---	---	---	---	---	---	---	---	---	---	---	---	---		
Huntington, .....	6,081	13	---	3	6	10.3	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Killingly, .....	6,063	18	1	4	12	21.6	3	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Manchester, .....	12,742	31	4	12	11.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Meriden, .....	31,639	92	2	11	37	14.0	3	1	10.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Middleton, .....	19,538	32	2	6	51	20.2	6	3	17.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Naugatuck, .....	14,431	36	1	2	17	14.1	7	1	47.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
New Britain, .....	36,477	145	4	15	60	19.0	21	6	45.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
New Haven, .....	127,810	337	15	64	189	16.2	19	17	19.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
New London, .....	20,959	47	1	10	29	16.0	4	---	13.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
New Milford, .....	5,662	7	2	7	8	17.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Norwalk, .....	21,868	40	---	0	39	21.2	2	2	10.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Norwich, .....	26,067	62	1	13	40	17.9	1	1	5.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Orange, .....	9,207	14	---	1	9	11.7	---	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Plainfield, .....	5,036	17	---	1	13	30.9	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Punam, .....	8,100	17	2	2	12	17.7	1	---	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Southington, .....	6,240	16	1	3	8	15.3	3	---	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Stamford, .....	21,664	79	6	16	33	18.2	3	2	15.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Stonington, .....	9,760	18	1	1	15	18.4	1	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Thompson, .....	7,217	10	---	1	7	11.6	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Torrington, .....	18,217	27	2	6	12	7.9	2	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Vernon, .....	8,191	13	---	3	13	16.0	3	1	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Wallingford, .....	11,176	26	---	1	9	9.6	---	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Waterbury, .....	67,282	188	9	18	99	16.9	18	11	29.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Winchester, .....	9,185	17	2	4	15	19.5	1	1	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Windham, .....	10,231	26	1	6	19	21.1	3	2	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Total of the 38 above towns, .....	824,595	1995	79	346	1186	17.2	162	91	21.3	---	8	14	31	3	11	8	11	5	3	1	14	5	125	179	19	110	129	64	446
129 towns of less than 5,000 inhabitants	228,755	369	24	58	313	16.3	35	13	15.3	---	---	2	26	---	5	1	3	1	---	---	---	---	---	---	---	---	---	---	
Total reported from 167 towns, .....	1,053,350	2334	103	404	1499	17.0	197	104	20.0	---	8	16	57	3	16	9	14	6	3	1	14	5	149	223	32	140	164	91	548
Population of town not reporting, .....	997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

The Mortality in Public Institutions of the State was: in Danbury, 23; in Derby, 5; in Greenwich, 2; in Hartford, 70; in Meriden, 2; in Middletown, 21; in New Britain, 7; in New Haven, 51; in New London, 3; in Norwich, 7; in Punam, 2; in Stamford, 3; in Waterbury, 27; in Winchester, 2; and in Windham, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of the towns.

The following towns are reported as having no deaths in April: Avon, Barre, Bolton, Brookfield, Chaplin, Columbia, Eastford, East Granby, Goshen, Hampton, Hartland, Marlborough, Middletown, New Fairfield, Newington, Old Lyme, Prospect, Salem, Scotland, Sherman, Union, Warren, Westbrook, Wethersfield.—Total, 26.

The Registrar of the following town has made no report for April: Oxford.

# REMARKS.

By mortality reports received there were 1,499 deaths during the month of April. This was 133 less than in March and 2 less than in April of last year, and 97 more than the average number of deaths during April for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,696	1,340	1,412
February,	1,420	1,313	1,515	1,519	1,235	1,368
March,	*1,632	1,572	1,456	1,572	1,489	1,577

April, 4,551 4,251 4,528 4,787 4,064 4,357  
1,499 1,501 1,330 1,420 1,430 1,329

The death rate was 17.2 for the large towns, for the small towns 16.3, and for the whole State 17.0. The deaths reported from infectious diseases were 281, being 18.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Barkhamsted, 2; Berlin, 20; Bloomfield, 4; Bridgeport, 9; Brooklyn, 1; Canterbury, 2; Chatham, 14; Cheshire, 1; Colchester, 7; Cornwall, 1; Coventry, 2; Cromwell, 1; Danielson (borough) 25+; Danbury, 4; East Hartford, 3; East Windsor, 2; Ellington, "epidemic"; Enfield, 1; Greenwich, 3; Groton, 6; Hartford, 41; Hebron, 5; Kent, 2; Killingly, 2; Manchester, 2; Mansfield, 7; Meriden (city), 3; Middletown (city), 10; Montville, 4; New Britain, 20; New Canaan, 1; New Haven, 13; Newington, 1; New London, 1; Norwalk, 1; Norwich, 1; Oxford, 1; Plainfield, 21+; Plymouth, 1; Pomfret, 1; Putnam, 22+; Somers, 1; Southbury, 6; South Windsor, 1; Stafford, 4; Stamford, 4; Sterling, 8; Stonington, 10; Suffield, 1; Thompson, 1; Tolland, 35; Vernon, 5; Washington, 1; Waterbury, 1; West Hartford, 1; West Haven (borough), 1; Willimantic (city), 2; Windsor Locks, 1; Winsted (borough), 1; Woodstock, 1.—Total, 353+ in 58 towns.

**Scarlet Fever.**—Andover, 1; Ansonia, 15; Bloomfield, 1; Bolton, 1; Branford, 1; Bridgeport, 42; Canterbury, 1; Columbia, 5; Danbury (city), 18; Danbury (town), 1; Darien, 2; Derby, 5; Easton, 2; Farmington, 3; Greenwich, 17; Hamden, 2; Hartford, 24; Huntington, 2; Killingly, 2; Madison, 2; Manchester, 5; Mansfield, 1; Meriden (city), 4; Middletown (city), 4; Middletown (town), 2; Montville, 2; Naugatuck (borough), 12; New Britain, 6; New Canaan, 6; New Haven, 86; New London, 1; Norwalk (city), 7; Norwalk (town), 8; Norwich (city), 4; Norwich (town), 1; Orange, 1; Oxford, 4; Plymouth, 1; Portland, 3; Putnam, 3; Redding, 1; Rocky Hill, 6; Roxbury, 1; Saybrook, 18; Sherman, 1; South Norwalk (city), 8; Stamford (city), 27; Stamford (town), 7; Sterling, 3; Thomaston, 7; Thompson, 1; Trumbull, 1; Voluntown, 3; Washington, 1; Waterbury, 14; Watertown, 4; West Haven (borough), 7; Weston, 2; Westport, 2; Willimantic (city), 2; Windham, 1; Windsor, 1; Windsor Locks, 1.—Total, 431 in 56 towns.

**Cerebro Spinal Fever.**—Enfield, 1; New Haven, 1.

**Diphtheria and Croup.**—Ansonia, 5; Bethel, 2; Branford, 1; Bridgeport, 10; Canterbury, 1; Danbury (city), 2; Derby, 1; East Haddam, 1; East Lyme, 1; East Windsor, 1; Enfield, 5; Fairfield, 1; Glastonbury, 2; Guilford, 1; Hamden, 1; Hartford, 24; Ledyard, 1; Lisbon, 1; Manchester, 2; Meriden (city), 16; Meriden (town), 3; Middletown, 2; Milford, 1; New Britain, 3; New Canaan, 1; New Hartford, 1; New Haven, 15; New London, 1; Norwalk (city), 1; Norwich (city), 1; Plymouth, 1; Somers, 1; Stamford (city), 2; Suffield, 1; Thomaston, 1; Torrington (borough), 5; Wallingford (town), 1; Wallingford (borough), 1; Waterbury, 16; Watertown, 1; West Hartford, 2; West Haven (borough), 1; Willimantic (city), 1; Winsted (borough), 2.—Total, 153 in 42 towns.

**Whooping Cough.**—Branford, 5; Bridgeport, 12; Canterbury, 5; Chatham, 7; Derby, 5; Fairfield, 3; Huntington, 1; Jewett City (borough), 3; Lyme, 2; Meriden (city), 2; Middletown, 2; Naugatuck (borough), 3; New Canaan, 1; Norfolk, 3; North Haven, 12; Old Saybrook, "epidemic"; Shelton (borough), 46; Stamford (city), 4; Stamford (town), 1; Waterbury, 4; Weston, 3; Westport, 2.—Total, 126+ in 20 towns.

**Typhoid Fever.**—Bridgeport, 2; Hartford, 3; Meriden (city), 1; Middletown (city), 1; New Haven, 6; New London, 1; Norwalk (city), 1; Norwich (city), 1; Shelton (borough), 1; Stonington, 2; Waterbury, 2; Willimantic (city), 1.—Total, 22 in 12 towns.

**Consumption.**—Ansonia, 3; Bethany, 1; Bridgeport, 20; Brooklyn, 1; Cheshire, 1; Colchester, 1; Derby, 2; Groton (borough), 1; Hamden, 1; Hartford, 17; Jewett City (borough), 1; Killingly, 2; Lebanon, 1; Manchester, 1; Meriden (city), 8; Meriden (town), 3; Middletown (city), 1; Middletown (town), 10; Milford, 2; Naugatuck (borough), 2; New Britain, 2; New Canaan, 2; New Hartford, 2; New Haven, 12; New London, 8; Norfolk, 1; North Haven, 2; Norwalk, 1; Norwich (city), 10; Orange, 1; Seymour, 1; South Norwalk (city), 2; Sprague, 1; Stamford (city), 3; Suffield, 1; Wallingford (borough), 2; Waterbury, 24; Watertown, 1; West Hartford, 1; Willimantic (city), 5; Winsted (borough), 1; Woodbury, 1; Woodstock, 2.—Total, 155 in 40 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Ashford, Beacon Falls, Bethlehem, Bozrah, Bridgewater, Brookfield, Burlington, Canaan, Canton, Chaplin, Chester, Clinton, Colebrook, Eastford, East Granby, East Haven, Essex, Franklin, Goshen,

\* One delayed certificate for February and 13 for March have been received since the publication of the last Bulletin.

Granby, Griswold, Haddam, Hampton, Hartland, Harwinton, Killingworth, Litchfield (town and borough), Marlborough, Middlebury, Middlefield, Monroe, Morris, New Fairfield, New Milford, Newtown, North Branford, North Canaan, Old Lyme, Plainville, Preston, Prospect, Salem, Salisbury, Scotland, Sharon, Simsbury, Southington, Stafford Springs (borough), Stratford, Torrington, Warren, Waterford, Westbrook, Wethersfield, Willington, Wilton, Winchester, Wolcott, Woodbridge.—Total, 50.

All the Health Officers of New Haven, Windham, Litchfield, and Middlesex Counties have reported, but the Health Officers of the following Towns have not reported:

HARTFORD Co.—Avon, Bristol.

NEW LONDON Co.—North Stonington, Stonington (borough).

FAIRFIELD Co.—Ridgefield (town and borough).

TOLLAND Co.—Union, Rockville (city).

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Trumbull, 1; Watertown, 1.

**Diphtheria and Croup.**—Bethel, 1; East Haddam, 1; East Lyme, 1; Ledyard, 1; Somers, 1.—Total, 5.

**Whooping Cough.**—Canterbury, 1.

**Typhoid Fever.**—Berlin, 1.

**Consumption.**—Beacon Falls, 1; Berlin, 1; Bethany, 1; Canton, 2; Ellington, 1; Essex, 1; Litchfield, 1; Milford, 1; New Canaan, 1; North Haven, 3; Plymouth, 1; Portland, 1; Salisbury, 2; Sprague, 1; Stafford, 1; Waterford, 1; Watertown, 1; Westport, 1; Wilton, 1; Woodbury, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques. <sup>a</sup>	No Growth.	
Diphtheria, diagnosis.....	18	67	1	..	86
"    release.....	29	40	..	..	69
Tuberculosis.....	51	150	..	..	201
Typhoid Fever.....	3	21	1	..	25
Rabies.....	..	0	..	..	0
Malaria.....	1	10	..	..	11
Total specimens examined.....					392
Samples of milk analyzed.....					262
"    " water examined.....					31
"    " sewage.....					10
"    " illuminating oil tested.....					5

## INFANT FEEDING.

There is no food half so satisfactory and healthy for the child as the milk of its own mother. This has been shown beyond question. Some mothers cannot nurse their children, although by proper diet and correct habits of life many a mother who now thinks it impossible could nurse her infant and thereby increase its chances of life.

The substitution of any other food than mother's milk for the child is a serious matter, requiring great care and precautions. It should never be undertaken except upon the advice of a physician. There are many substitutes for mother's milk, but of these the best and safest is modified cow's milk. No attempt will be made here to give formulae for use in preparing modified milk for infants, as this must be done by the physician to meet the need in each individual case. Certain things, however, are necessary, no matter what formula is used.

Cow's milk used for infant feeding should be clean, fresh and pure. By clean milk is meant milk that is drawn from clean cows, into clean vessels, in clean stables, by milkers with clean hands. It is no less important that the milk be fresh and pure, that is, it must not be kept many hours before delivery, must come from cows free from disease and must not have any preservatives or water added. No matter how clean, fresh or pure the milk may be when delivered to the mother, it will be dangerous to the child, unless it is properly cared for after it reaches the home.

The bottles and nipples used in nursing the child demand close attention, as they may become contaminated and endanger the life of the child. The bottles should be so shaped as to be easily cleaned and after using, before milk is again placed in them, they should be boiled, or at least should be thoroughly rinsed in boiling water and be allowed to cool. The nipples should be carefully washed after each nursing and should then be placed in a solution of boric acid, prepared by dissolving one teaspoonful of boric acid in a pint of water. When ready for use, the nipple should be taken from the acid, rinsed in water and attached directly to the neck of the bottle. Nursing-tubes should never be used.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 16, 1910.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	67	41	54	0	Clear	87	29.95	30.36	17
2	70	42	56	0	Clear	84	29.59		6
3	67	38	52	0	Clear	93			
4	55	40	48	.06	Cloudy	0			
5	79	49	64	T	Cloudy	65			
6	77	50	64	.04	Cloudy	55			
7	59	40	50	0	Cloudy	45			
8	43	36	40	T	Cloudy	34			
9	52	36	44	.03	Cloudy	9			
10	53	38	46	0	Clear	82			
11	51	34	42	.01	Partly Cloudy	48			
12	50	37	44	T	Clear	90			
13	57	32	44	0	Clear	100			
14	70	37	54	0	Clear	85			
15	76	46	61	0	Partly Cloudy	68			
16	59	40	50	T	Partly Cloudy	69			
17	55	32	44	.02	Partly Cloudy	32			
18	61	44	52	.72	Cloudy	0			
19	69	49	59	.02	Cloudy	56			
20	63	47	55	0	Clear	84			
21	68	38	53	0	Partly Cloudy	85			
22	66	47	56	0	Cloudy	62			
23	73	45	59	0	Cloudy	75			
24	67	49	58	T	Cloudy	38			
25	62	48	55	.69	Cloudy	0			
26	65	52	58	1.49	Cloudy	33			
27	64	44	56	T	Partly Cloudy	77			
28	56	42	49	0	Clear	88			
29	56	37	46	T	Partly Cloudy	58			
30	69	44	56	.07	Partly Cloudy	36			
Mean	62.7	41.8	52.2	3.15					

TEMPERATURE.		
Highest	79°; date 5	lowest 32°; date 13
Greatest daily range	33°; date 14	
Least daily range	7°; date 8	

MEAN FOR THIS MONTH IN		
1905.. 48°	1906.. 48°	1907.. 43°
1908.. 48°	1909.. 47°	1910.. 52°
Normal for this month	47	
Absolute maximum for this month for 6 years	85-'08	
Absolute minimum for this month for 6 years	22-'08	
Average daily excess (+) of this month as compared with the normal	5.5°	
Accumulated excess since January 1	487.4°	
Average daily excess since January 1	4.1°	

PRECIPITATION.		
Total this month	3.15	
Snowfall	0.2	
Greatest precipitation in 24 hours	1.80, date 25-26	
Snow on the ground at end of month	0	

TOTAL PRECIPITATION THIS MONTH IN		
1905.. 2.57	1906.. 3.58	1907.. 3.24
1908.. 2.36	1909.. 7.21	1910.. 3.15
Normal for this month	3.57	
Deficiency (-) of this month as compared with the normal	0.42	
Accumulated deficiency (+) since January 1	0.06	

WIND.		
Prevailing direction	S	
Total movement	6,032 miles	
Average hourly velocity	8.4	
Maximum velocity (for five minutes)	30 miles per hour, from NW on 10th.	

WEATHER.		
Number of days, clear	9	
Partly cloudy	8	
Cloudy	13	
On which .01 inch, or more, of precipitation occurred	10	

MISCELLANEOUS PHENOMENA (dates of).		
Auroras	None	
Halos, solar	None	
Halos, lunar	21	
Hail	None	
Sleet	None	
Fog	5, 19	
Thunderstorms	6, 26	
Mean relative humidity	per cent.	
*Frosts: light..None; heavy..11, 29; killing..13		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY. 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1910  
and a Statement of the Births and Marriages for the Month of April, 1910.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	14,786	96	32	6	16	12.9	1	12.5														2			5		2	5		
Branford.	6,827	9			4	3.2																								
Bridgeport.	90,913	223	8	92	142	18.2	29	30.2	1	1											6	2	16	12	1	7	11	11	53	
Bristol.	11,677	19	1	6	13	13.2	3	31																					13	
Danbury.	19,475	35		17	27	15.4	3	14.8													1								3	
Derby.	9,694	17	3	11	12	12.3	3	2		2																			2	
East Hartford.	8,161	10	1	5	6	8.8	1	16.6																					2	
Enfield.	6,249	19		17	12	23.0	1	5																					3	
Fairfield.	5,047	7		3	3	7.1																							1	
Greenwich.	14,008	20	3	18	18	15.4	5																						12	
Groton.	6,342	6	1	2	4	7.5																							1	
Hamden.	5,295	13			5	20.3																							1	
Hartford.	103,808	169	8	95	139	11.0	17	15.8	3	1	3	1									11	11	16	2	16	18	6	3	58	
Huntington.	6,981	11			1	8.5																							1	
Killingly.	6,063	8			4	12	21.6	2																					5	
Manchester.	12,742	18		9	14	13.1	5	35.7																					9	
Meriden.	31,639	48		22	37	13.2	7	2																					14	
Middletown.	19,538	45		19	52	18.4	3	2																					13	
Naugatuck.	14,431	25	1	12	15	12.4	1	1																					20	
New Britain.	36,477	123	3	39	47	15.1	13	6																					11	
New Haven.	127,810	277	11	102	213	18.5	41	19	28.1	4	1	1																	88	
New London.	20,959	36		13	26	13.7	4	1	19.2																				11	
New Milford.	5,662	12		3	3	6.4	1		33.3																				12	
Norwalk.	21,898	38	2	24	43	23.0	4	5	20.9	5	3																		14	
Norwich.	26,067	48	2	16	37	16.1	6	16.2																					12	
Orange.	9,207	12		5	9	11.7																							2	
Plainfield.	5,036	11	1	9	12	28.5	4		41.6																				1	
Putnam.	8,100	17	3	7	6	7.4																							1	
Southington.	6,240	27		4	8	15.3	2	25.0																					2	
Stamford.	21,664	55	3	31	33	18.2																							4	
Stonington.	9,760	19	2	5	10	12.2	1	10.0																					1	
Thompson.	7,217	9		8	9	14.9	3	1	44.4																				3	
Torrington.	18,217	34		24	20	13.1	4	3	35.0																				2	
Vernon.	8,191	13		11	10	14.6	2																						6	
Wallingford.	11,176	21		10	14	15.0	5	1	42.8																				7	
Waterbury.	67,282	130	5	51	86	14.9	13	13	15.1	2	2	1	8																36	
Westerly.	9,185	25	1	7	9	9.1	2	22.2																					1	
Windham.	10,231	23		17	17	18.7	4	1	29.4																				1	
Total of the 38 above towns.	824,595	1664	59	737	1151	16.7	190	88	24.1	13	14	20	5	26	11	2	5	2			15	3	96	128	30	119	139	68	455	
121 towns of less than 5,000 inhabitants	213,266	370	11	115	252	14.1	24	10	13.4	2	1	7		3	2		1	1				1	19	24	3	30	36	12	109	
Total reported from 159 towns.	1,037,855	2034	70	852	1403	16.2	214	98	22.2	15	15	27	5	29	13	2	6	3			1	15	4	115	152	33	149	175	80	504
Population of towns not reporting.	16,264																													

The Mortality in Public Institutions of the State was: in Bridgeport, 21; in Danbury, 4; in Derby, 2; in Greenwich, 2; in Hartford, 57; in Meriden, 7; in Middletown, 25; in New Britain, 8; in New Haven, 57; in New London, 9; in Norwich, 9; in Putnam, 1; in Stamford, 3; in Waterbury, 10; in Winchester, 2; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Avon, Bethany, Bethelham, Bloomfield, Bolton, Bridgewater, Canterbury, Clinton, Columbia, East Granby, East Lyme, Farmington, Franklin, Hampton, Middlebury, Monroe, New Fairfield, New Hartford, Old Lyme, Oxford, Prospect, Redding, Salem, Somers, Union, Voluntown, Warren, Westport. — Total, 29.

The Registrars of the following towns have made no report for May: Barkhamsted, Brookfield, Brooklyn, Chaplin, Cornwall, Coventry, Montville, Stafford, Waterford. — Total, 9.

# REMARKS.

By mortality reports received there were 1,403 deaths during the month of May. This was 105 less than in April and 73 more than in May of last year, and 110 more than the average number of deaths during May for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,666	1,340	1,412
February,	*1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577

Total first quarter	4,551	4,251	4,528	4,757	4,064	4,357
April,	*1,508	1,501	1,350	1,420	1,430	1,329
May,	1,403	1,330	1,204	1,329	1,404	1,199

The death rate was 16.7 for the large towns, for the small towns 14.1, and for the whole State 16.2. The deaths reported from infectious diseases were 227, being 16.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Berlin, 8; Bloomfield, 4; Bridgeport, 9; Canton, 3; Chatham, 6; Colchester, 13; Coventry, 2; Cromwell, 7; Danielson (borough), 20; Darien, 4; Derby, 16; East Hartford, 3; Ellington, 4; Enfield, 1; Essex, 1; Fairfield, 25; Farmington, 1; Greenwich, 1; Groton, 14; Hartford, 75; Killingly, 10; Ledyard, 1; Manchester, 3; Mansfield, 6; Meriden (city), 20; Meriden (town), 4; Middlefield, 2; Montville, 4; New Britain, 12; New Haven, 15; North Stonington, 1; Norwich, 6; Old Lyme, 1; Old Saybrook, 1; Plainfield, 63+; Pomfret, 2; Putnam, 48; Rockville (city), 1; Southbury, 2; Southington, 12; South Windsor, 3; Stamford (city), 2; Stonington, 7; Suffield, 2; Thompson, 8; Tolland, 1; Torrington (borough), 6; Vernon, 2; Wallingford (borough), 1; Washington, 1; Waterbury, 1; West Haven (borough), 2; Wethersfield, 8; Woodstock, 3.—Total 478+in 53 towns.

**Scarlet Fever.**—Ansonia, 9; Branford, 4; Bridgeport, 37; Bristol, 4; Burlington, 1; Canton, 1; Cheshire, 1; Colchester, 2; Columbia, 1; Danbury (city), 3; Darien, 2; Derby, 13; East Hartford, 1; Easton, 1; East Windsor, 6; Enfield, 2; Farmington, 3; Greenwich, 13; Groton, 1; Hamden, 2; Hartford, 28; Huntington, 2; Killingly, 1; Manchester, 7; Meriden (city), 6; Middlefield, 1; Middletown (city), 5; Middletown (town), 3; Monroe, 1; Montville, 1; Naugatuck, 6; New Britain, 3; New Canaan, 1; New Haven, 37; Newtown, 1; Norwalk (city), 8; Norwalk (town), 10; Norwich (city), 15; Old Saybrook, 1; Plymouth, 3; Portland, 5; Preston, 1; Ridgefield, 1; Rocky Hill, 1; Salisbury, 1; Saybrook, 4; Shelton (borough), 1; Southington, 3; South Norwalk (city), 11; South Windsor, 1; Stamford (city), 11; Thomaston, 6; Tolland, 6; Torrington (borough), 2; Wallingford (borough), 2; Waterbury, 18; Watertown, 8; West Haven (borough), 4; Westport, 1; Wethersfield, 1; Willimantic (city), 3; Windsor, 3; Windsor Locks, 3; Woodstock, 6.—Total, 350 in 62 towns.

**Cerebro Spinal Fever.**—New Britain, 1.

**Diphtheria and Croup.**—Ansonia, 3; Bloomfield, 1; Branford, 14; Bridgeport, 14; Bristol, 1; Colchester, 1; Danbury (city), 1; Enfield, 14; Farmington, 1; Glastonbury, 1; Granby, 1; Hamden, 1; Hartford, 26; Lebanon, 1; Ledyard, 1; Meriden (city), 5; Meriden (town), 1; Middlebury, 2; Middletown (city), 3; Middletown (town), 1; Montville, 1; Naugatuck, 2; New Britain, 6; New Haven, 10; New Milford, 2; Norwalk (city), 3; Norwich (city), 1; Putnam, 1; Redding, 1; Rockville (city), 4; Southbury, 5; South Norwalk (city), 3; Stamford (city), 1; Suffield, 1; Thomaston, 1; Torrington (borough), 8; Waterbury, 38; Westport, 1; Winsted (borough), 5.—Total, 174 in 38 towns.

**Whooping Cough.**—Branford, 11; Bridgeport, 5; East Haven, 1; Essex, 5; Fairfield, 20; Groton, 1; Huntington, 1; Lyme, 10; Meriden (city), 2; Middletown (city), 5; Morris, 1; New Canaan, 1; North Haven, 12; Old Lyme, 5; Plymouth, 3; Ridgefield (borough), 1; Seymour, 3; Stamford (city), 1; Waterbury, 3; West Hartford, 1; Weston, 4; Westport, 9; Willimantic (city), 1.—Total, 110 in 23 towns.

**Typhoid Fever.**—Avon, 1; Branford, 2; Cornwall, 1; East Hartford, 2; Groton, 1; Haddam, 1; Hartford, 8; New Haven, 9; New London, 2; North Canaan, 1; Norwalk, 1; Sharon, 1; Shelton (borough), 1.—Total, 31 in 13 towns.

**Consumption.**—Ansonia, 4; Branford, 2; Bridgeport, 11; Bridge-water, 1; Bristol, 2; Chatham, 1; Colchester, 1; Coventry, 1; Danielson (borough), 1; Darien, 1; Derby, 2; East Hartford, 1; East Haven, 1; Glastonbury, 1; Haddam, 2; Hartford, 35; Jewett City (borough), 1; Meriden (city), 7; Middletown (city), 2; Middletown (town), 1; Milford, 1; Montville, 2; Naugatuck, 2; New Britain, 2; New Canaan, 1; New Haven, 13; New London, 4; North Haven, 4; Norwalk, 1; Norwich (city), 2; Old Lyme, 1; Plainfield, 1; Portland, 1; Preston, 1; Rockville (city), 2; Simsbury, 2; Southbury, 2; Southington, 1; South Norwalk (city), 3; Stratford, 1; Suffield, 1; Wallingford (borough), 2; Waterbury, 29; West Haven (borough), 2; Westport, 1; Willimantic (city), 3; Wolcott, 1.—Total, 164 in 47 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Ashford, Barkhamsted, Beacon Falls, Bethany, Bethel, Bethelchem, Bolton, Bozrah, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Chester, Clinton, Colebrook, Danbury, Durham, Eastford,

\* A delayed certificate for February and 9 for April have been received since the publication of the last Bulletin.

East Granby, East Haddam, East Lyme, Franklin, Goshen, Griswold, Groton (borough), Guilford, Hampton, Hartland, Harwinton, Hebron, Kent, Killingworth, Lisbon, Litchfield, Madison, Marlborough, New Fairfield, New Hartford, Newington, Norfolk, North Branford, Orange, Oxford, Plainville, Prospect, Roxbury, Salem, Scotland, Sherman, Somers, Sprague, Stafford, Stafford Springs (borough), Stamford, Sterling, Stonington (borough), Torrington, Trumbull, Union, Voluntown, Wallingford, Warren, Waterford, Westbrook, Willington, Wilton, Winchester, Windham, Woodbridge, Woodbury.—Total, 71.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Berlin, 1; Preston, 1.  
**Scarlet Fever.**—Darien, 1.  
**Diphtheria and Croup.**—Old Saybrook, 1; Tolland, 1; Watertown, 1.—Total, 3.  
**Whooping Cough.**—Harwinton, 1; Lyme, 1.  
**Typhoid Fever.**—Lisbon, 1.  
**Consumption.**—Canton, 1; Chatham, 1; Cheshire, 1; East Haddam, 1; Glastonbury, 1; Guilford, 1; Haddam, 1; Lyme, 1; New Canaan, 2; Plymouth, 1; Portland, 1; Preston, 1; Rocky Hill, 1; Suffield, 1; West Hartford, 1; Wilton, 1; Woodbury, 1; Woodstock, 1.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	20	55	..	75
release.....	14	74	..	88
Tuberculosis.....	39	124	..	163
Typhoid Fever.....	6	34	..	40
Rabies.....	..	..	..	0
Malaria.....	1	8	..	9

Total specimens examined.....	375
Samples of milk analyzed.....	284
“ “ water, sewage and sewage effluents examined.....	47
“ “ illuminating oil tested.....	4

## MOSQUITOES.

On account of the unusually heavy rainfall the past month mosquitoes are likely to be more than ordinarily prevalent this summer, and it is very essential that the people unite in an effort to decrease the number of these pests.

Mosquitoes can not breed without water, and in order for them to breed in water it must be permitted to stand for about ten days. Wet grass, while it will attract mosquitoes, is not a breeding place. Therefore no possible spot where water can accumulate should be overlooked. Mosquitoes seldom breed in large bodies of water; they prefer small pools, rain water that has collected in tin cans, or buckets, rain barrels, broken bottles, cellars that have water standing in them, badly drained roofs and leaders which permit water to collect in the sagging parts without running off. A single old bucket or tomato can with water standing in it, is capable of furnishing sufficient mosquitoes to make the neighborhood miserable. After every rain storm householders should spend a few minutes in an inspection of their premises to see that all possible receptacles or conditions that might permit water to collect are immediately removed.

## INSPECTION OF SUMMER RESORTS.

At this season of the year the State Board of Health is active on behalf of the large number of citizens who make their summer home or spend their brief vacations at the shore or resorts within the State.

Inspector Ham of the Board is now engaged in making inspections at these hotels and improvements are suggested. In most instances his suggestions are welcomed and the proprietors gladly do their best to comply with the recommendations. It is generally found that the unsanitary conditions present are the result of ignorance rather than due to willful negligence.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
 Superintendent of the Registration of Vital Statistics.

HARTFORD, June 15, 1910.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	68	48	58	0	Clear	85	29.97	30.41; date 16
2	68	44	56	.02	Partly Cloudy	78	29.45	date 31
3	70	46	58	.03	Cloudy	38		
4	54	46	50	T	Cloudy	13		
5	55	40	48	.05	Partly Cloudy	53		
6	60	40	50	0	Clear	100		
7	71	44	58	0	Clear	71		
8	65	52	58	.15	Cloudy	28		
9	62	55	58	.49	Cloudy	0		
10	67	50	58	.03	Clear	88		
11	66	49	58	.01	Cloudy	46		
12	64	46	55	0	Partly Cloudy	67		
13	64	43	54	T	Clear	86		
14	59	45	52	.11	Cloudy	25		
15	62	38	50	T	Partly Cloudy	49		
16	67	42	54	0	Partly Cloudy	82		
17	73	47	60	0	Clear	100		
18	63	47	55	.17	Cloudy	21		
19	68	47	58	0	Partly Cloudy	73		
20	74	47	60	T	Partly Cloudy	63		
21	73	58	66	.24	Cloudy	38		
22	70	55	62	0	Cloudy	0		
23	70	53	62	.04	Cloudy	0		
24	84	60	72	.04	Cloudy	55		
25	72	61	66	.30	Cloudy	8		
26	71	60	66	0	Partly Cloudy	70		
27	64	52	58	T	Cloudy	39		
28	76	51	64	0	Partly Cloudy	74		
29	78	53	66	T	Partly Cloudy	51		
30	72	53	62	.10	Cloudy	36		
31	65	50	58	.71	Cloudy	23		
Mean	67.6	49.1	58.4	2.49		50		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.97; highest 30.41; date 16
Lowest	29.45; date 31

TEMPERATURE.	
Highest	84°; date 24; lowest 38°; date 15
Greatest daily range	27°; date 20
Least daily range	7°; date 9

MEAN FOR THIS MONTH IN	
1905..	59°
1906..	59°
1907..	53°
1908..	61°
1909..	58°
1910..	58°
Normal for this month	58
Absolute maximum for this month for 6 years	89-'06
Absolute minimum for this month for 6 years	32-'07
Average daily excess (+) of this month as compared with the normal	0.9°
Accumulated excess since January 1	515.3°
Average daily excess since January 1	3.4°

PRECIPITATION.	
Total this month	2.49
Snowfall	0
Greatest precipitation in 24 hours	0.81, date 30-31
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905..	1.25
1906..	4.60
1907..	3.35
1908..	6.52
1909..	1.99
1910..	2.49
Normal for this month	3.54
Deficiency (—) of this month as compared with the normal	1.05
Accumulated deficiency (—) since January 1	1.11

WIND.	
Prevailing direction	S
Total movement	5,650 miles
Average hourly velocity	7.6
Maximum velocity (for five minutes) 27 miles per hour, from W on 10th.	

WEATHER.	
Number of days, clear	6
Partly cloudy	10
Cloudy	15
On which .or inch, or more, of precipitation occurred	15

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	17
Hail	None
Sleet	None
Fog	None
Thunderstorms	2, 3, 9, 10, 14, 18, 30
Mean relative humidity	68 per cent.
*Frosts: light..6, 15; heavy..None; killing..None.	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



MEMBERS OF THE BOARD

E. K. ROOT, M.D., PRES., HARTFORD  
T. H. MCKENZIE, C.E., SOUTHWINGTON  
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LOUIS J. PONS, M.D., ROXBURY  
J. H. TOWNSEND, M.D., SECRETARY



# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1910, and a Statement of the Births and Marriages for the Month of May, 1910.

Total estimated population of the State, 1,054,347.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths. Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Ansonia,	14,786	38	---	12	22 17.8	5	3 36.3	---	---	1	---	---	---	---	---	---	---	---	---	4 3	---	---	1	---	3 1	---	---	8																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Branford,	6,827	15	---	3	7 12.3	3	1 57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Bridgeport,	90,913	226	5	90	127 16.7	37	17 42.5	---	---	---	---	1 3	---	---	---	---	---	---	---	18 2	15 16	1 6	3 10	52	---	---	52																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Danbury,	19,475	34	3	9	25 13.5	5	2 20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Groton,	6,312	6	---	1	7 13.2	2	1 14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Hamden,	5,295	11	---	2	2 4.5	1	1 50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Hartford,	103,808	179	8	81	123 11.3	21	7 22.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Huntington,	6,981	14	3	3	4 6.8	3	1 25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Meriden,	31,639	47	1	10	20 7.5	5	4 40.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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New Britain,	36,477	136	6	42	67 21.7	30	9 58.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
New Haven,	127,810	303	17	94	162 13.8	41	11 32.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
New London,	20,959	48	---	16	22 12.5	2	2 9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Plainfield,	5,936	16	3	8	19 0	1	1 25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Putnam,	8,100	19	1	6	8 8.8	3	3 37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Southington,	6,240	16	1	4	9 17.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Stamford,	21,664	49	5	24	40 21.0	9	1 25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Stonington,	9,760	17	1	3	11 13.5	2	1 27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Thompson,	7,217	9	---	7	6 9.9	2	1 33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Torrington,	18,217	35	1	7	7 4.6	1	1 28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Vernon,	8,191	19	1	3	4 5.8	2	1 25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Wallingford,	11,176	18	---	6	4 4.2	2	2 50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Waterbury,	67,282	107	5	48	95 16.5	29	9 40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Winchester,	9,185	21	2	8	12 15.6	2	1 16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Windham,	10,231	32	2	9	13 15.2	1	1 15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Total of the 38 above towns, .....	824,595	1876	74	618	1006 14.6	231	82 31.1	---	8 4	2 4	16 5	4 16	5 4	7 3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---</

The Mortality in Public Institutions of the State was: in Bridgeport, 21; in Danbury, 6; in Derby, 4; in Greenwich, 2; in Hartford, 54; in Meriden, 3; in Middletown, 22; in New Britain, 5; in New Haven, 43; in New London, 4; in Norwich, 2; in Putnam, 2; in Stamford, 4; in Waterbury, 26; in Winchester, 4; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Bloomfield, Bolton, Bridgewater, Brookfield, Canaan, Chester, Columbia, Cornwall, Coventry, Cromwell, Eastford, Easton, Franklin, Goshen, Hampton, Ledyard, Middlebury, Morris, New Fairfield, North Canaan, Old Saybrook, Rocky Hill, Roxbury, Sterling, Tolland, Union, Torrington.

The Registrars of the following towns have made no report for June: Hartland, Redding, Sherman, Voluntown, Waterford.—Total, 5.

# REMARKS.

By mortality reports received there were 1,252 deaths during the month of June. This was 166 less than in May and 36 more than in June of last year, and 27 more than the average number of deaths during June for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,666	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577

Total first quarter, 4,551 4,251 4,528 4,787 4,064 4,357

April, 1,508 1,501 1,330 1,420 1,430 1,320

May, \*1,417 1,330 1,204 1,329 1,404 1,199

June, 1,252 1,216 1,146 1,225 1,245 1,289

Total second quarter, 4,177 4,047 3,680 3,974 4,082 3,817

The death rate was 14.6 for the large towns, for the small towns 13.2, and 14.3 for the whole State.

The deaths reported from infectious diseases were 166, being 13.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Beacon Falls, 2; Berlin, 2; Bloomfield, 2; Bolton, 1; Bridgeport, 4; Canton, 2; Cheshire, 1; Colchester, 7; Cornwall, 1; Cromwell, 6; Darien, 3; Derby, 26; East Haddam, 1; East Hartford, 20; Fairfield, 55+; Greenwich, 3; Groton, 2; Hartford, 66; Jewett City (borough), 1; Killingly, 6; Litchfield, 1; Lyme, 1; Manchester, 21+; Mansfield, 5; Meriden (city), 13; Milford, 1; Montville, "very numerous"; New Britain, 7; New Canaan, 1; New Haven, 16; Norfolk, 14; Norwalk, 1; Plainfield, 21; Putnam, 6; Rockville (city), 1; Saybrook, 2; Seymour, 4; Shelton (borough), 1; Somers, 1; Southington, 3; Sprague, 2; Stamford (city), 1; Thomaston, 2; Thompson, 8; Tolland, 1; Wallingford (borough), 5; Waterbury, 1; West Hartford, 3; Wilton, 3; Woodstock, 8.—Total, 366+ in 51 towns.

**Scarlet Fever.**—Ansonia, 22; Bridgeport, 14; Clinton, 1; Colchester, 2; Danbury (city), 3; Danbury (town), 1; Derby, 5; East Hartford, 4; East Lyme, 2; East Windsor, 6; Fairfield, 1; Greenwich, 13; Groton, 1; Hartford, 19; Jewett City (borough), 2; Litchfield, 1; Madison, 2; Manchester, 6; Meriden (city), 3; Middletown (city), 3; Middletown (town), 1; Montville, 1; Naugatuck, 4; New Britain, 1; New Canaan, 4; New Haven, 24; New Milford, 2; Norwalk (city), 1; Norwalk (town), 5; Norwich, 2; Putnam, 1; Portland, 1; Preston, 2; Putnam, 1; Ridgefield, 11; Seymour, 8; Southington, 1; South Norwalk (city), 9; Stamford (city), 3; Stratford, 2; Thomaston, 5; Torrington (borough), 1; Wallingford (borough), 1; Waterbury, 5; Watertown, 2; Westbrook, 1; West Haven (borough), 1; Wilton, 1; Woodstock, 4.—Total, 216 in 46 towns.

**Cerebro Spinal Fever.**—Bridgeport, 2; East Hartford, 2; New Britain, 1.—Total, 5 in 3 towns.

**Diphtheria and Croup.**—Bridgeport, 13; Colchester, 1; Danbury (city), 1; Derby, 3; East Granby, 2; Enfield, 2; Essex, 3; Farmington, 1; Glastonbury, 2; Greenwich, 4; Hartford, 23; Killingly, 1; Litchfield, 1; Meriden (city), 3; Middletown (city), 1; Naugatuck, 2; New Britain, 5; New Canaan, 1; New Haven, 12; New London, 6; Newtown, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Norwich (town), 1; Putnam, 1; Rockville (city), 4; Southbury, 1; South Norwalk (city), 2; Sterling, 1; Suffield, 1; Torrington (borough), 7; Waterbury, 28; Watertown, 1; Willimantic (city), 4; Winsted (borough), 1; Woodbury, 1.—Total, 146 in 35 towns.

**Whooping Cough.**—Bridgeport, 9; Chatham, 5; Derby, 3; East Lyme, 1; Ellington, 10; Fairfield, "many cases"; Groton (town), 2; Groton (borough), 4; Hartford, 1; North Haven, 4; Old Lyme, "2"; Ridgefield, 11; Salisbury, 1; Shelton (borough), 5; Stonington, 2; Waterbury, 2; Weston, 6; Westport, 1.—Total, 67+ in 18 towns.

**Typhoid Fever.**—Bristol, 1; Canton, 1; Derby, 1; East Hartford, 1; East Lyme, 1; Hartford, 4; New Britain, 1; New Haven, 5; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Putnam, 1; Ridgefield (borough), 1; Scotland, 1; South Norwalk (city), 1; Stratford, 1; Thomaston, 1; Waterbury, 3; Willimantic (city), 2; Welton, 1.—Total, 30 in 19 towns.

**Consumption.**—Andover, 1; Ansonia, 2; Bridgeport, 6; Bridgewater, 1; Bristol, 1; Chester, 1; Colchester, 1; Darien, 1; Derby, 2; East Hartford, 1; East Windsor, 1; Enfield, 1; Greenwich, 1; Groton (borough), 1; Hamden, 2; Hartford, 27; Killingly, 1; Manchester, 3; Meriden (city), 8; Middletown (city), 1; Middletown (town), 1; Naugatuck, 2; New Britain, 3; New Haven, 15; New London, 6; Newtown, 1; North Haven, 1; Norwalk (city), 1; Norwalk (city), 1; Oxford, 1; Preston, 1; Putnam, 1; Rocky Hill, 1; Sharon, 1; Simsbury, 1; South Norwalk (city), 2; Stamford (city), 3; Sterling, 1; Stratford, 1; Torrington (borough), 3; Wallingford (borough), 1; Washington, 1; Waterbury, 29; Waterford, 1; West Hartford, 2; West Haven (borough), 1; Willimantic (city), 3; Winsted (borough), 1.—Total, 149 in 47 towns.

\* Fourteen delayed certificates for May have been received since the publication of the last Bulletin.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Ashford, Avon, Barkhamsted, Bethany, Bethel, Bethlehem, Bozrah, Branford, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Chaplin, Colebrook, Columbia, Coventry, Danielson (borough), Durham, Eastford, East Haven, Easton, Franklin, Goshen, Granby, Griswold, Guilford, Haddam, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Ledyard, Lisbon, Marlborough, Meriden, Middlebury, Middlefield, Monroe, Morris, New Fairfield, New Hartford, Newington, North Branford, North Canaan, North Stonington, Old Saybrook, Orange, Plainville, Pomfret, Prospect, Redding, Roxbury, Salem, Sherman, South Windsor, Stafford, Stafford Springs (borough), Stamford, Stonington (borough), Torrington, Trumbull, Union, Vernon, Voluntown, Wallingford, Warren, Wethersfield, Willington, Winchester, Windham, Windsor, Windsor Locks, Wolcott, Woodbridge.—Total, 78.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Seymour, 1.

Diphtheria and Croup.—East Granby, 1.

Typhoid Fever.—Scotland, 1.

**Consumption.**—Andover, 1; Ashford, 1; Barkhamsted, 1; East Haddam, 2; East Windsor, 1; Glastonbury, 1; Griswold, 1; Haddam, 1; Kent, 1; Litchfield, 1; Milford, 1; North Stonington, 1; Oxford, 1; Plymouth, 1; Ridgefield, 2; Salem, 1; Salisbury, 3; Seymour, 1; Sprague, 1; Thomaston, 1; Watertown, 1; West Hartford, 1; Weston, 1; Wethersfield, 1; Wolcott, 1.—Total, 29.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	16	33	..	.. 49
release.....	6	37	..	.. 43
Tuberculosis.....	47	91	..	.. 138
Typhoid Fever.....	7	32	..	.. 39
Rabies.....	..	..	..	.. 0
Malaria.....	..	9	..	.. 9
Total specimens examined.....				278
Samples of milk analyzed.....				301
" " water, sewage and sewage effluents examined.....				32
" " illuminating oil tested.....				4

## BIRTH CERTIFICATES.

Connecticut is known as one of the "Registration States" for deaths, since it has a nearly complete death registration. There has as yet been no registration area established for births, but it is expected that this will soon be done and in all probability states which are believed to have a ninety per cent. registration will be admitted by the U. S. Census Bureau to this Registration Area.

The registration of births presents greater difficulties than that of deaths. The law requires physicians and midwives to report monthly all births attended by them, but unfortunately all births are not attended by a physician or licensed midwife and the parents fail to see that the birth is properly recorded. Some physicians do not seem to recognize the importance of answering all the questions asked on the birth blanks, the midwives as a rule showing greater care.

This department has in view a plan to improve, if possible, the birth registration. It is proposed to take all the deaths returns under one year of age and learn whether a corresponding birth certificate has been recorded. When this has not been done we shall try to ascertain the reason.

The registration of births is a matter of great importance to the individual and especially to the class of people by whom it is often neglected. Our statutes provide that a child must go to school until it reaches a certain age, and as employers are forbidden to employ children of school age, it has become the custom to require children to furnish a certificate of age from the town registrar.

All European countries are very particular in the matter of birth registration, and citizens of this country in succeeding to inheritances abroad, or in the matter of passports, are often required to furnish copies of original certificates of birth. This is a duty the child cannot attend to for himself and the state must, therefore, see that it is done for him.

This office has a limited supply of return postals for completing birth records, which it will furnish to town clerks on application.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, July 15, 1910.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	59	49	54	0	Cloudy	13	29.92	30.23
2	62	49	56	T	Cloudy	25		
3	68	50	59	T	Cloudy	15		
4	69	45	57	0	Clear	100		
5	66	42	54	.28	Cloudy	35		
6	66	54	60	.47	Cloudy	26		
7	69	53	61	.06	Partly Cloudy	50		
8	70	49	60	0	Partly Cloudy	79		
9	76	53	64	.17	Partly Cloudy	59		
10	58	52	55	.74	Cloudy	0		
11	55	52	54	.61	Cloudy	0		
12	59	51	55	.96	Cloudy	0		
13	74	58	66	0	Cloudy	41		
14	86	60	73	0	Partly Cloudy	62		
15	85	64	74	0	Cloudy	64		
16	68	64	66	.39	Cloudy	0		
17	74	62	68	.04	Cloudy	13		
18	82	63	72	.09	Cloudy	30		
19	86	62	74	0	Partly Cloudy	76		
20	86	64	75	0	Clear	85		
21	90	67	78	.01	Clear	76		
22	89	64	76	0	Partly Cloudy	66		
23	86	66	76	T	Cloudy	47		
24	80	58	69	0	Partly Cloudy	70		
25	75	57	66	.18	Partly Cloudy	41		
26	79	56	68	0	Partly Cloudy	81		
27	77	59	68	.03	Cloudy	35		
28	82	66	74	.05	Partly Cloudy	57		
29	82	61	72	0	Clear	100		
30	85	61	73	0	Partly Cloudy	81		
Mean	74.8	57.0	65.9	4.08				

ATMOSPHERIC PRESSURE.  
(Reduced to sea level; inches and hundredths.)  
Mean..... 29.92; highest..... 30.23; date 26  
Lowest..... 29.46; ..... date 1

TEMPERATURE.  
Highest..... 90°; date 21; lowest..... 42°; date 5  
Greatest daily range..... 26°; ..... date 14  
Least daily range..... 3°; ..... date 11

MEAN FOR THIS MONTH IN  
1905..66° 1906..68° 1907..65° 1908..70° 1909..68° 1910..66°  
Normal for this month..... 67  
Absolute maximum for this month for 6 years..... 92-'09  
Absolute minimum for this month for 6 years..... 40-'07  
Average daily deficiency (—) of this month as compared with the normal..... 1.2°  
Accumulated excess since January 1..... 479.3°  
Average daily excess since January 1..... 2.6°

PRECIPITATION.  
Total this month..... 4.08  
Snowfall..... 0  
Greatest precipitation in 24 hours 0.96, date..... 12  
Snow on the ground at end of month..... 0

TOTAL PRECIPITATION THIS MONTH IN  
1905..4.85 1906..2.19 1907..3.44 1908..2.42 1909..2.23 1910..4.08  
Normal for this month..... 3.08  
Excess (+) of this month as compared with the normal..... 1.00  
Accumulated deficiency (—) since January 1..... 0.11

WIND.  
Prevailing direction..... S  
Total movement..... 5,230 miles  
Average hourly velocity..... 7.3  
Maximum velocity (for five minutes) 25 miles per hour, from SW on 27th.

WEATHER.  
Number of days, clear..... 4  
Partly cloudy..... 11  
Cloudy..... 15  
On which .01 inch, or more, of precipitation occurred..... 14

MISCELLANEOUS PHENOMENA (dates of).  
Auroras..... None  
Halos, solar..... 27  
Halos, lunar..... 15  
Hail..... 18  
Sleet..... None  
Fog..... None  
Thunderstorms..... 18, 21, 24  
Mean relative humidity..... 72 per cent.  
\*Frosts: light..5; heavy..None; killing..None.

NOTE.—"T" indicates trace of precipitation.  
\*Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,  
WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1910



# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1910, and a Statement of the Births and Marriages for the Month of June, 1910.*

Total estimated population of the State, 1,070,582.

TOWNS.	Estimated Population	Living Births in June	Still Births in June	Marriages in June	Total Deaths.	Representing Annual Death Rate	Deaths from 1 year.	Percentage of Deaths under 5 years of total Mortality.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidental Violence.	All other Diseases.	
Asonia,	1,000	37	20	92	20.7	91	9	918						4						11	1		2	2	1	1	1	
Brantford,	6,952	13	5	12	20.7	9	75.0													30		1					1	
Bridgeport,	93,126	233	6	217	14.9	18.5	57	7	42.9					5	1					4	3	19	3	1	4	6	9	58
Bristol,	11,994	18	1	11	23.245	12	1	50.5												9							3	1
Danbury,	19,475	31	1	20	24.147	2	2	16.6					1							1	1	1	1	3	3	5	2	1
Dorcy,	9,891	25	2	12	23.279	11	1	52.1						1						4	2	1	1	1	3	4	1	7
East Hartford,	8,357	12	1	4	10.143	3	3	36.0												3		1		1	1	1	2	3
Eastford,	5,110	4	19	13	25.1	6	3	60.2					1							3		1		1	1	2	3	2
Farmington,	6,109	24	4	10	23.4	4	2	60.0												5		1		3		3	1	2
Glastonbury,	5,603	10	3	5	11.8	2	1	53.0	2											1						3	1	2
Greenwich,	17,213	37	32	20	16.8	6	5	28.5												5		1		3		3	1	2
Hamden,	6,385	3	1	4	7.13	1	1	28.5												2							1	2
Hartford,	5,370	10	4	11	24.5	6	1	54.5												1		2					1	2
Hartford,	106,479	180	7	162	17.7	17.1	47	17	30.1	9			2							29	10	12	5	11	13	15	73	3
Huntington,	7,138	15	1	9	3	5.0	5	55.5												1							1	2
Killingly,	6,643	10	1	13	12.0	6	1	53.8												17		1		1	1	1	3	5
Manchester,	12,063	29	14	13	12.0	6	1	53.8												1		3		1	1	3	5	13
Meriden,	31,967	48	3	37	15.16	19	7	57.7												17		1		1	1	1	1	2
Middletown,	13,861	40	1	13	31.12	10	2	13.4												9	1	3	2	1	1	1	1	1
Naugatuck,	18,501	41	1	13	31.12	10	2	13.4												9	1	3	2	1	1	1	1	1
New Britain,	37,397	188	6	53	31.19	13	2	60.5												35	1	3	6	1	1	1	1	2
New Britain,	127,000	250	16	102	23.6	20.3	62	14	60.5											35	8	18	8	2	11	25	16	105
New Haven,	21,339	35	1	32	23.3	9	5	31.7	1											39	1							10
New London,	5,601	32	1	32	23.3	9	5	31.7												1								10
New Milford,	22,117	40	1	31	13.1	11	3	41.1												7		2					1	10
Norwalk,	26,236	48	3	32	15.18	7	2	26.6	1											4		2					1	10
Norwich,	9,453	18	1	12	18.22	8	1	27.7												5		2					3	10
Orange,	5,060	9	5	13	30.8	7	1	61.5												3		2					3	10
Plainfield,	8,184	13	1	10	17.219	4	1	23.5												5		2					3	10
Putnam,	6,279	17	8	8	15.2	3	3	37.5												3		2					3	10
Southampton,	21,978	59	3	38	59.305	26	2	47.4												17		2					1	10
Stamford,	8,866	11	3	9	16.191	4	25.0													2		2					2	10
Stonington,	7,394	8	1	6	3	4.9	2	66.6												6							2	7
Thompson,	18,858	20	18	17	16.8	9	4	79.4	1											1							2	7
Torrington,	8,158	18	3	13	11.7	3	1	50.0												4		1					1	5
Vernon,	11,418	27	2	13	17.78	9	6	88.2	2											4		1					1	5
Wallingford,	69,076	169	8	101	132.224	67	7	50.6					2							42		2	10	5			9	45
Waterbury,	9,343	10	10	13	12.8	3	3	23.0												2		2					2	4
Winchester,	10,242	36	1	17	16.164	8	8	59.0												2		1					3	7
Windham,																											3	7
Total of the 39 above towns,-----	843,922	1816	79	1218	14.05	19.9	516	117	45.0	12	3	1	2	8	20	2	4	3	1	336	23	103	52	18	94	110	95	518
125 towns of less than 5,000 inhabitants	223,961	318	13	200	318	17.0	71	18	27.0	1	-----	3	5	2	1	1	-----	49	13	17	8	4	34	29	27	126	26	
Total reported from 165 towns,-----	1,067,883	2134	92	1418	17.23	19.3	587	135	41.9	13	3	1	5	11	22	3	5	3	1	385	36	120	60	22	128	139	122	644
Population of towns not reporting,-----	2,669																											

The Mortality in Public Institutions of the State was: in Bridgeport, 16; in Danbury, 4; in Greenwich, 6; in Hartford, 69; in Meriden, 6; in Middletown, 13; in New Britain, 6; in New Haven, 66; in New London, 3; in Norwalk, 3; in Norwich, 8; in Putnam, 4; in Stamford, 8; in Waterbury, 24; in Winchester, 4; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover; Bethany, Bethlehem, Bridgewater, Chaplin, Chester, Colebrook, Columbia, East Granby, Goshen, Hartsford, Hebron, Killingworth, North Branford, Prospect, Redding, Saybrook, Scotland, Sherman, Southbury, Sterling, Warren, Washington, Weston.—Total, 25. The Registrars of the following towns have made no report for July: Brookfield, Durham, Voluntown.—Total, 3.

# REMARKS.

By mortality reports received there were 1,723 deaths during the month of July. This was 458 more than in June and 311 more than in July of last year, and 200 more than the average number of deaths during July for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,495	1,366	1,557	1,696	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577
Total first quarter,	4,551	4,251	4,528	4,787	4,064	4,357
April,	*1,509	1,501	1,330	1,420	1,430	1,329
May,	1,417	1,330	1,204	1,329	1,404	1,199
June,	*1,265	1,216	1,146	1,225	1,248	1,289
Total second quarter,	4,191	4,047	3,680	3,974	4,082	3,817
July	1,723	1,412	1,496	1,518	1,537	1,650

The death rate was 19.9 for the large towns, for the small towns 17.0, and 19.3 for the whole State. 41.9 per cent. of the deaths occurred in children under five years of age.

The deaths reported from infectious diseases were 187, being 10.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Berlin, 2; Branford, 1; Bridgeport, 2; Chatham, 2; Cheshire, 1; Derby, 13; East Haddam, 1; East Hartford, 3; East Lyme, 1; Enfield, 4; Fairfield, 1; Farmington, 7; Glastonbury, 2; Griswold, 6; Hartford, 30; Lyme, 2; Manchester, 20+; Meriden (city), 4; Middletown, 2; Montville, 2; New Canaan, 1; New Haven, 2; Norfolk, 5; North Branford, 3; Norwalk (city), 1; Norwalk (town), 1; Plainfield, 15; Roxbury, 9; Southington, 1; Stafford Springs (borough), 1; Stamford (city), 1; Stonington (borough), 1; Suffield, 1; Thomaston, 1; Tolland, 1; Union, 1; Wallingford (borough), 2; Waterbury, 6; Westbrook, 2; West Hartford, 1; Weston, 1; Weathersfield, 1; Wilton, 1; Woodbury, 1; Woodstock, 3.—Total, 179+ in 45 towns.

**Scarlet Fever.**—Ansonia, 4; Beacon Falls, 1; Branford, 2; Bridgeport, 7; Colebrook, 1; Danbury (city), 1; Derby, 1; East Windsor, 6; Enfield, 1; Fairfield, 2; Greenwich, 6; Hamden, 2; Hartford, 8; Jewett City (borough), 2; Lyme, 6; Middletown (city), 1; Milford, 1; Naugatuck, 1; New Britain, 2; New Canaan, 2; New Haven, 9; New Milford, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 2; Norwich (town), 5; Shelton (borough), 1; Sherman, 1; South Norwalk (city), 2; Stamford (city), 2; Stratford, 2; Wallingford (borough), 1; Waterbury, 1; Waterford, 1; Watertown, 2; Westbrook, 1; West Haven (borough), 1; Windsor, 1.—Total, 96 in 36 towns.

**Cerebro Spinal Fever.**—Bristol, 1; Darien, 1; Enfield, 1; Willington, 1.—Total, 4 in 4 towns.

**Infantile Paralysis.**—Groton (borough), 1; Meriden (city), 13; New Britain, 2; New London, 1; Suffield, 1.—Total 18 in 5 towns.

**Diphtheria and Croup.**—Bethel, 1; Bridgeport, 7; Danbury (city), 1; Derby, 1; Enfield, 4; Essex, 2; Fairfield, 4; Glastonbury, 6; Greenwich, 4; Haddam, 1; Hampton, 1; Hartford, 15; Lisbon, 1; Litchfield, 1; Manchester, 1; Meriden (city), 1; Montville, 2; New Britain, 3; New Haven, 6; New London, 1; Norwalk, 1; Norwich (city), 2; Norwich (town), 4; Plymouth, 2; Rockville (city), 1; Shelton (borough), 1; Sherman, 1; Somers, 1; South Norwalk (city), 2; Waterbury, 18.—Total, 96 in 27 towns.

**Whooping Cough.**—Ashford, 4; Chatham, 2; Darien, 1; East Granby, 2; Groton (borough), 5; Hartford, 6; Madison, 1; Meriden (city), 3; Middletown (city), 6; North Canaan, 4; Norwalk (city), 5; Plainville, 20+; Rockville (city), 3; Stamford (city), 3; Waterbury, 7; West Haven (borough), "epidemic"; Westport, 2.—Total, 110+ in 17 towns.

**Typhoid Fever.**—Ansonia, 1; Berlin, 1; Bridgeport, 1; Bristol, 2; Cheshire, 3; Danbury (city), 1; East Hartford, 2; Hamden, 3; Hartford, 2; Manchester, 3; Milford, 1; Naugatuck, 2; New Haven, 28; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 2; Plainfield, 2; Putnam, 1; Rocky Hill, 1; Sharon, 1; South Norwalk (city), 5; Stamford (city), 2; Sterling, 1; Thomaston, 2; Waterbury, 4; Waterford, 1; Watertown, 2; West Haven (borough), 1; Willimantic (city), 1; Windsor, 1; Winsted (borough), 1.—Total, 86 in 20 towns.

**Consumption.**—Branford, 1; Bridgeport, 7; Bridgewater, 1; Bristol, 1; Cheshire, 1; Chester, 1; Colchester (borough), 1; Coventry, 2; Danielson (borough), 2; Darien, 1; East Haven, 1; Enfield, 3; Haddam, 1; Hamden, 2; Hartford, 14; Killingly, 1; Madison, 1; Manchester, 2; Meriden (city), 5; Middletown (city), 2; Middletown (town), 2; Milford, 1; Naugatuck, 2; New Britain, 1; New Canaan, 1; New Haven, 21; New London, 2; North Stonington, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Old Saybrook, 1; Portland, 1; Putnam, 1; Seymour, 1; Stamford (city), 1; Stonington (borough), 1; Suffield, 2; Thomaston, 3; Trumbull, 1; Wallingford (borough), 2; Waterbury, 15; Waterford, 1; Watertown, 1; West Haven (borough), 3; Weston, 1; Westport, 1; Willimantic (city), 1; Wilton, 1; Winsted (borough), 2; Woodbury, 1; Woodstock, 2.—Total, 129 in 49 towns.

\* One delayed certificate for April and thirteen for June have been received since the publication of the last Bulletin.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Avon, Barkhamsted, Bethany, Bethlehem, Bolton, Bozrah, Brookfield, Brooklyn, Burlington, Canaan, Canterbury, Canton, Chaplin, Clinton, Colchester, Columbia, Cornwall, Cromwell, Durham, Eastford, Easton, Ellington, Franklin, Goshen, Granby, Guilford, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Lebanon, Ledyard, Mansfield, Marlborough, Meriden, Middlebury, Middlefield, Monroe, Morris, New Fairfield, New Hartford, Newington, Newtown, North Haven, Old Lyme, Orange, Oxford, Pomfret, Preston, Prospect, Ridgefield (town), Ridgefield (borough), Salem, Salisbury, Saybrook, Scotland, Simsbury, Southbury, South Windsor, Sprague, Stafford, Stamford, Stonington, Thompson, Torrington (town), Torrington (borough), Vernon, Voluntown, Wallingford, Warren, Washington, Winchester, Windham, Windsor Locks, Wolcott, Woodbridge.—Total, 77.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Cromwell, 1.  
**Cerebro Spinal Fever.**—Darien, 1; Westbrook, 1; Willington, 1. Total, 3.  
**Whooping Cough.**—Plainville, 1; Salem, 1.  
**Diphtheria and Croup.**—Ellington, 1; Haddam, 1; Plymouth, 1. Total, 3.  
**Typhoid Fever.**—Thomaston, 1.  
**Consumption.**—Canton, 1; Colchester, 1; East Windsor, 1; Griswold, 1; Hartington, 1; Lebanon, 1; New Canaan, 1; Newtown, 1; Old Saybrook, 1; Portland, 1; Preston, 1; Sharon, 1; Simsbury, 1; Thomaston, 1; Waterford, 1; Wilton, 1; Windsor Locks, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	6	29	..	..
release.....	5	15	..	..
Tuberculosis.....	37	77	..	..
Typhoid Fever.....	13	42	..	..
Rabies.....	..	2	..	..
Malaria.....	1	15	..	..
Total specimens examined.....				240
Samples of milk analyzed.....				265
"    " water, sewage and sewage effluents				
examined.....				48
"    " illuminating oil tested.....				4

## ANTERIOR POLIOMYELITIS.

(Infantile Paralysis.)

Anterior Poliomyelitis or Infantile Paralysis is a disease that attacks infants and children during the hot months, fully half the cases occurring before the third year, but adults are not exempt. The disease is to be dreaded not only on account of its mortality, but also because a large percentage of its victims are left permanently crippled. During the present summer it has prevailed in New York City, Washington, D. C., Springfield, Mass., sections of Pennsylvania and Iowa, and some few cases have been reported in Connecticut. No micro-organism as a cause of the disease has yet been discovered, but from a study of past epidemics as well as those now in progress, the disease is without doubt of an infectious and contagious nature, and it is supposed that the nose and pharynx first harbor the germs. As it is an infectious disease dangerous to the public health, it is of the utmost importance that every possible means be taken to prevent other children from contracting it. Every case should be at once reported by the attending physician to the local Board of Health or Health Officer, as is done in other infectious diseases. The Health Officer should establish a strict isolation for a period of four weeks from the time of notification. On the death or recovery of the patient, the apartments occupied by him should be fumigated and disinfected. Public funerals should not be allowed. Mild cases that are sick only a few days are just as liable to convey the infection and should be isolated for the full period.

It is only through the coöperation of the medical profession that definite results can be obtained in checking an epidemic. Physicians are therefore urged to use every precaution now employed in the management of other contagious diseases, and to carefully explain to the family of their patients the danger that may come not only to themselves, but to others, from a disregard of the regulations of the Board of Health.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
 Superintendent of the Registration of Vital Statistics.

HARTFORD, August 15, 1910.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level: inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	83	62	72	T	Cloudy	36	29.89	29.65
2	88	66	77	o	Cloudy	48	30.19	
3	89	66	78	o	Cloudy	42		
4	78	63	70	o	Partly Cloudy	72		
5	84	56	70	o	Clear	100		
6	88	62	75	o	Clear	78		
7	83	58	70	o	Partly Cloudy	79		
8	90	68	79	o	Cloudy	65		
9	93	68	80	o	Clear	70		
10	93	72	82	T	Partly Cloudy	64		
11	88	70	79	o	Clear	88		
12	86	59	72	o	Partly Cloudy	76		
13	87	67	77	.06	Partly Cloudy	37		
14	87	63	75	o	Clear	99		
15	89	63	76	o	Clear	78		
16	86	62	74	1.33	Partly Cloudy	36		
17	80	61	70	.02	Cloudy	66		
18	75	59	67	o	Cloudy	5		
19	74	55	64	T	Cloudy	32		
20	81	55	68	o	Clear	66		
21	81	61	71	o	Partly Cloudy	57		
22	78	64	71	o	Cloudy	9		
23	88	67	78	o	Partly Cloudy	50		
24	93	70	82	o	Partly Cloudy	60		
25	92	74	83	.01	Partly Cloudy	69		
26	83	70	76	o	Partly Cloudy	76		
27	85	68	76	T	Partly Cloudy	70		
28	84	62	73	.56	Partly Cloudy	66		
29	85	63	74	o	Clear	94		
30	78	60	69	.49	Cloudy	13		
31	78	59	68	o	Clear	78		
Mean	84.7	63.6	74.2	2.47		60		

## ATMOSPHERIC PRESSURE.

(Reduced to sea level: inches and hundredths.)

Mean ..... 29.89; highest ..... 30.19; date 20  
 Lowest ..... 29.65; ..... date 4

## TEMPERATURE.

Highest ..... 93°; date 10; lowest ..... 55°; date 19  
 Greatest daily range ..... 28°; ..... date 5  
 Least daily range ..... 13°; ..... date 26

## MEAN FOR THIS MONTH IN

1905..73° 1906..72° 1907..73° 1908..75° 1909..71° 1910..74°  
 Normal for this month ..... 72  
 Absolute maximum for this month for 5 years ..... 96-'08  
 Absolute minimum for this month for 5 years ..... 51 '05-'09  
 Average daily excess (+) of this month as compared with  
 the normal ..... 2.6°  
 Accumulated excess since January 1 ..... 559.9°  
 Average daily excess since January 1 ..... 2.9°

## PRECIPITATION.

Total this month ..... 2.47  
 Snowfall ..... 0  
 Greatest precipitation in 24 hours 1.35, date ..... 16, 17  
 Snow on the ground at end of month ..... 0

## TOTAL PRECIPITATION THIS MONTH IN

1905..2.71 1906..5.09 1907..1.86 1908..5.74 1909..1.59 1910..2.47  
 Normal for this month ..... 4.11  
 Deficiency (—) of this month as compared with the normal ..... 1.64  
 Accumulated deficiency (—) since January 1 ..... 1.61

## WIND.

Prevailing direction ..... S  
 Total movement ..... 5,206 miles  
 Average hourly velocity ..... 7.0  
 Maximum velocity (for five minutes) 32 miles per hour,  
 from NW on 30th.

## WEATHER.

Number of days, clear ..... 9  
 Partly cloudy ..... 13  
 Cloudy ..... 9  
 On which .or inch, or more, of precipitation occurred ..... 6

## MISCELLANEOUS PHENOMENA (dates of).

Auroras ..... None  
 Halos, solar ..... None  
 Halos, lunar ..... None  
 Hail ..... 30  
 Sleet ..... None  
 Fog ..... None  
 Thunderstorms ..... 13, 16, 25, 28, 30  
 Mean relative humidity ..... 67 per cent.  
 \*Frosts: light..None; heavy..None; killing..None.

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1910, and a Statement of the Births and Marriages for the Month of July, 1910.

Total estimated population of the State, 1,082,712.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths in total population.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,020	44	9	10	13	10.3	3	5	61.9	---	---	3	---	---	---	---	---	---	---	---	---	3	---	1	2	---	3	---	---	---	
Branford, .....	6,952	15	7	8	13.8	5	5	62.5	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	---	1	---	---	---	
Bridgeport, .....	*102,054	253	9	11	119	12.9	42	8	43.1	---	---	---	---	---	---	---	---	---	---	---	---	20	---	16	---	---	1	---	---	---	
Bristol, .....	11,904	34	1	7	16	16.1	9	1	62.5	---	---	---	---	---	---	---	---	---	---	---	---	5	---	2	---	---	---	---	---	---	
Danbury, .....	19,475	58	1	11	31	22.1	6	2	32.2	---	---	---	---	---	---	---	---	---	---	---	---	4	---	1	---	---	---	---	---	---	
Derby, .....	9,891	22	1	12	15	14.5	6	1	40.6	---	---	---	---	---	---	---	---	---	---	---	---	3	---	2	---	---	---	---	---	---	
East Hartford, .....	8,357	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	---	---	---	---	---	
Enfield, .....	*9,719	16	1	17	16	16.7	7	2	56.2	---	---	---	---	---	---	---	---	---	---	---	---	5	---	1	---	---	---	---	---	---	
Fairfield, .....	5,663	12	---	6	4	9.3	2	4	9.3	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	
Glastonbury, .....	12,213	33	---	16	32	25.3	15	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	8	---	2	---	---	---	---	---	---	
Greenwich, .....	*5,850	19	2	1	16	22.0	3	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	1	---	2	---	---	---	---	---	---	
Groton, .....	*8,015	23	0	66	139	13.4	28	12	28.7	---	---	---	---	---	---	---	---	---	---	---	---	17	---	3	---	---	---	---	---	---	
Hartford, .....	7,138	13	4	3	15	8.1	5	1	10.0	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	---	---	---	---	---	
Huntington, .....	6,043	9	---	3	15	10.8	5	1	45.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	12,080	15	1	8	10	9.2	1	8	10.0	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	
Manchester, .....	31,967	63	4	17	38	13.1	12	3	39.4	---	---	---	---	---	---	---	---	---	---	---	---	11	---	7	---	---	---	---	---	---	
Middleton, .....	19,767	41	1	10	32	13.3	6	1	21.8	---	---	---	---	---	---	---	---	---	---	---	---	3	---	3	---	---	---	---	---	---	
Naugatuck, .....	14,864	34	---	8	16	12.9	5	2	43.7	---	---	---	---	---	---	---	---	---	---	---	---	3	---	2	---	---	---	---	---	---	
New Britain, .....	*37,397	134	4	37	64	20.2	21	15	56.2	---	---	---	---	---	---	---	---	---	---	---	---	12	---	6	---	---	---	---	---	---	
New Haven, .....	21,339	29	2	25	26	14.8	47	17	38.3	---	---	---	---	---	---	---	---	---	---	---	---	17	---	3	---	---	---	---	---	---	
New London, .....	*133,605	375	8	117	167	14.8	47	17	38.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	5,601	7	---	2	7	13.4	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	22,117	34	3	18	35	18.4	6	2	17.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich, .....	26,226	58	1	19	39	16.9	9	2	28.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	9,453	14	---	3	11	13.9	5	---	45.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield, .....	5,060	7	1	3	7	16.6	3	---	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainville, .....	*7,280	17	---	10	5	4.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Punam, .....	5,14	26.7	7	5	14	26.7	7	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,279	22	---	5	14	26.7	7	---	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	21,978	53	3	26	35	18.0	8	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,806	14	---	9	13	15.7	4	---	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Thompson, .....	7,394	15	---	1	4	6.2	2	---	53.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	18,858	38	1	14	13	8.2	6	1	53.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	8,158	15	---	5	3	4.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford, .....	11,418	19	---	9	11	11.5	4	---	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	*73,141	177	5	49	77	11.0	28	6	44.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester, .....	9,343	23	---	8	11	11.5	2	1	15.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	10,242	29	2	4	14	14.0	4	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 39 above towns, .....	856,052	2010	69	647	1092	15.3	318	87	37.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
128 towns of less than 5,000 inhabitants	225,371	353	13	95	324	17.2	86	16	31.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 167 towns, .....	1,081,423	2363	82	742	1416	15.7	404	103	35.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of town not reporting, .....	1,289	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 20; in Danbury, 4; in Derby, 5; in Greenwich, 8; in Hartford, 62; in Meriden, 6; in Middletown, 11; in New Britain, 6; in New Haven, 30; in New London, 3; in Norwich, 5; in Norwalk, 4; in Putnam, 2; in Stamford, 4; in Waterbury, 19; in Winchester, 3; in Windham, 3. Residents in these are deducted from the total Mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Bethany, Bolton, Bozrah, Bridgeport, Brookfield, Chaplin, Columbia, Cornwall, Durham, Ellington, Franklin, Hampton, Hartland, Lisbon, Mansfield, Middlefield, Morris, North Branford, Old Lyme, Old Saybrook, Oxford, Salem, Southbury, Sprague, Warren, Total, 26.

The Registrar of the following town has made no report for August: Ledyard.

\* Census 1910.

# REMARKS.

By mortality reports received there were 1,416 deaths during the month of August. This was 319 less than in July and 76 less than in August of last year, and 130 less than the average number of deaths during August for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,696	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577
Total first quarter,	4,551	4,251	4,528	4,787	4,064	4,357
April,	1,509	1,501	1,330	1,420	1,430	1,329
May,	1,417	1,339	1,204	1,329	1,404	1,199
June,	1,265	1,216	1,146	1,225	1,248	1,289
Total second quarter,	4,191	4,047	3,680	3,974	4,082	3,817
July,	*1,735	1,412	1,496	1,518	1,537	1,650
August,	1,416	1,492	1,410	1,761	1,650	1,417

The death rate was 15.3 for the large towns, for the small towns 17.2, and 15.7 for the whole State.

The deaths reported from infectious diseases were 184, being 12.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Coventry, 1; Durham, 1; Eastford, 1; Enfield, 1; Fairfield, 3; Farmington, 6; Glastonbury, 5; Greenwich, 1; Hartford, 2; Manchester, 4; Meriden (city), 2; New Canaan, 3; New Haven, 1; Southington, 1.—Total, 32 in 14 towns.

**Scarlet Fever.**—Ansonia, 9; Branford, 2; Bridgeport, 1; Canaan, 1; Danbury (city), 1; Darien, 3; Derby, 2; Greenwich, 5; Hartford, 4; Killingly, 1; Manchester, 3; Meriden (city), 1; Milford, 2; Monroe, 1; Naugatuck, 1; New Britain, 2; New Canaan, 1; New Haven, 4; New London, 1; Newtown, 1; North Haven, 1; Norwich (city), 2; Plainville, 2; Shelton (borough), 1; Stamford (city), 1; Stratford, 1; Tolland, 1; Torrington (borough), 1; Wallingford, 1; Waterbury, 2; Watertown, 1; Willimantic (city), 2; Windsor Locks, 1.—Total, 63 in 33 towns.

**Cerebro Spinal Fever.**—Derby, 1; Hartford, 2; New Britain, 2; New London, 1.—Total, 6 in 4 towns.

**Infantile Paralysis.**—Bethel, 1; Bridgeport, 4; Clinton, 1; Danbury (city), 2; Easton, 1; Enfield, 3; Groton (borough), 1; Guilford, 1; Haddam, 1; Hartford, 6; Meriden (city), 6; Meriden (town), 1; Plainfield, 2; Plymouth, 1; Suffield, 3; Waterbury, 2.—Total, 36 cases in 16 towns.

**Diphtheria and Croup.**—Bridgeport, 9; Bristol, 1; Danbury (city), 10; Danbury (town), 1; East Windsor, 1; Enfield, 2; Essex, 6; Fairfield, 1; Farmington, 2; Glastonbury, 7; Hartford, 20; Hartland, 1; Manchester, 3; Middletown (city), 2; New Britain, 1; New Canaan, 2; New Haven, 5; New London, 2; Norwalk, 1; Norwich (city), 3; Norwich (town), 4; Plymouth, 10; Putnam, 1; Rockville (city), 2; Stamford (city), 2; Torrington, 1; Waterbury, 14; Watertown, 1; Westbrook, 1; Westport, 1.—Total, 127 in 30 towns.

**Whooping Cough.**—Ashford, 15; Branford, 2; Bridgeport, 2; Bristol, 2; Canaan, 1; Durham, 1; Enfield, 4; Meriden (city), 1; North Canaan, 24; North Haven, 6; Plainville, 54; Plymouth, 1; Rockville (city), 3; Stamford (city), 1; Suffield, 5; Waterbury, 13; Wolcott, 2.—Total, 85+ in 17 towns.

**Typhoid Fever.**—Berlin, 2; Branford, 2; Bridgeport, 7; Bristol, 2; Canton, 1; Chatham, 3; Danbury (city), 4; Danielson (borough), 1; Derby, 2; Enfield, 2; Glastonbury, 6; Greenwich, 1; Groton (town), 4; Groton (borough), 1; Haddam, 3; Hamden, 2; Hampton, 1; Hartford, 4; Manchester, 2; Meriden (city), 3; Meriden (town), 1; Middlefield, 1; Middletown (city), 1; Middletown (town), 2; Milford, 3; Naugatuck, 3; New Britain, 7; New Haven, 41; New London, 2; North Canaan, 1; Norwalk (city), 7; Norwalk (town), 1; Norwich (city), 3; Old Saybrook, 2; Orange, 1; Plainfield, 1; Plymouth, 7; Preston, 1; Putnam, 1; Sharon, 1; Simsbury, 1; Southbury, 2; South Norwalk (city), 2; Stamford (city), 3; Stamford (town), 8; Stonington, 1; Stratford, 3; Torrington (borough), 3; Vernon, 3; Wallingford (borough), 1; Waterbury, 11; Watertown, 9; Westbrook, 1; West Haven (borough), 2; Willimantic (city), 3; Willington, 1; Wilton, 1; Windsor, 2; Windsor Locks, 2; Winsted (borough), 25.—Total, 224 in 54 towns.

**Consumption.**—Ansonia, 5; Bozrah, 2; Branford, 1; Bridgeport, 8; Bridgegater, 2; Bristol, 1; Chester, 1; Coventry, 1; Derby, 5; Enfield, 4; Fairfield, 1; Farmington, 2; Greenwich, 1; Guilford, 1; Haddam, 2; Hamden, 1; Hartford, 10; Madison, 1; Manchester, 2; Mansfield, 1; Meriden (city), 10; Middletown, 1; Milford, 1; Naugatuck, 3; New Britain, 2; New Haven, 44; New London, 1; Norwalk (city), 1; Norwich (city), 4; Plainfield, 1; Preston, 2; Rockville (city), 2; Roxbury, 1; Salisbury, 3; Saybrook, 1; Seymour, 1; Simsbury, 2; Southington, 3; Stamford (city), 5; Suffield, 2; Waterbury, 88; West Haven (borough), 3; Westport, 1; Wethersfield, 1; Willimantic (city), 4.—Total, 239 in 45 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases.

Andover, Avon, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bloomfield, Bolton, Brookfield, Brooklyn, Burlington, Canterbury, Chaplin, Cheshire, Colchester, Colebrook, Columbia, Cornwall, Crom-

well, East Granby, East Haddam, East Hartford, East Haven, East Lyme, Ellington, Franklin, Goshen, Granby, Griswold, Hartwint, Huntington, Hebron, Jewett City (borough), Kent, Killingworth, Lebanon, Ledyard, Lisbon, Litchfield (town and borough), Lyme, Marlborough, Middlebury, Montville, Morris, New Fairfield, New Hartford, Newington, New Milford, Norfolk, North Branford, North Stonington, Old Lyme, Oxford, Pomfret, Portland, Prospect, Redding, Ridgefield (town and borough), Rocky Hill, Salem, Scotland, Sherman, Somers, South Windsor, Sprague, Stafford, Stafford Springs (borough), Sterling, Stonington (borough), Thomaston, Thompson, Trumbull, Union, Voluntown, Warren, Washington, Waterford, West Hartford, Weston, Winchester, Windham, Woodbridge, Woodbury, Woodstock.—Total, 84.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, Middlesex and Tolland Counties have reported.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Essex, 3; Farmington, 1; Watertown, 1. Total, 5.

**Whooping Cough.**—North Canaan, 1.

**Typhoid Fever.**—Plainville, 1; Roxbury, 1.

**Consumption.**—Chatham, 1; Colebrook, 1; Coventry, 1; Eastford, 1; East Haddam, 1; East Lyme, 1; Farmington, 1; Marlborough, 1; Milford, 1; Monroe, 1; Montville, 1; New Canaan, 1; Newtown, 1; Sterling, 1; Waterford, 1; Weston, 1; Windsor, 1; Woodbury, 2. Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Quies.	No Growth.
Diphtheria, diagnosis.....	11	19	..	.. 30
release.....	2	15	..	.. 17
Tuberculosis.....	48	92	..	.. 140
Typhoid Fever.....	44	48	2	.. 94
Rabies.....	1	1	..	.. 2
Malaria.....	1	13	..	.. 14

Total specimens examined..... 297

Samples of milk analyzed..... 296

“ “ water, sewage and sewage effluents

examined..... 46

“ “ illuminating oil tested..... 4

## MEDICAL INSPECTION OF SCHOOLS.

Under the Connecticut law the Boards of Education and School Committees in the several towns of the State may appoint physicians to act as school inspectors. This law would be much better if it were mandatory, as in the state of Massachusetts, rather than permissive. Medical inspection of schools is a movement of recent growth although by no means in its infancy and long ago passed the experimental stage. European countries have had it for many years and in the United States the first regular system of inspection began in Boston in 1894. Although the Connecticut law gives to school committees the authority to appoint medical inspectors, the work in this State has been very generally started and carried on by the Boards of Health and Health Officers, so that at the present time all our larger cities have regularly appointed medical inspectors and in many of the smaller places the work is carried on as part of the duties of the health officer. This is so, because health officials could not avoid recognizing the fact that the school has become the most certain center of infection in the community and medical inspection has grown up for the purpose of detecting cases of contagious diseases and of segregating such cases for the protection of other children. Wherever established, good results have been evident. Epidemics have been checked or avoided and improvement has been noted in the cleanliness and neatness of the children.

But medical inspection does not stop here, other problems have forced themselves on the attention of the inspectors. Pupils have been unable to keep up with their classes, being termed “backward” or “retarded.” Inquiries and physical examinations of these cases by school doctors have revealed a surprising number of children who through defective eyesight, hearing and other causes have been seriously handicapped in their school work. Thus, medical inspection has been developed not only for the detection of contagious disease, but for discovering defects which interfere with the child's ability to do his school work, or which, if neglected, will seriously affect his physical efficiency in after life.

The importance of this work can not be too strongly urged to communities who have not yet taken it up. Every medical inspector and others interested in the subject should procure a copy of the book published by the Russell Sage Foundation on the Medical Inspection of Schools, which can be secured at a small cost (one dollar) of the Charities Publication Committee, New York.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, September 15, 1910.

\* Twelve delayed certificates for July have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.	Lowest.
1	79	56	63	0	Partly Cloudy	69	30.08	30.37; date 30
2	78	59	68	.12	Cloudy	41	29.66	date 4
3	82	62	72	0	Cloudy	31		
4	81	67	74	.73	Cloudy	4		
5	77	63	70	T	Partly Cloudy	77		
6	76	58	67	0	Partly Cloudy	41		
7	78	59	68	0	Partly Cloudy	70		
8	80	60	70	.01	Cloudy	48		
9	79	63	71	.14	Cloudy	30		
10	72	60	66	1.11	Cloudy	0		
11	82	63	72	.44	Partly Cloudy	49		
12	81	60	70	0	Clear	94		
13	83	56	70	0	Clear	68		
14	84	61	72	0	Partly Cloudy	61		
15	80	64	72	.02	Cloudy	11		
16	74	64	69	T	Cloudy	2		
17	76	59	68	0	Partly Cloudy	63		
18	75	52	64	T	Cloudy	19		
19	79	59	69	.30	Partly Cloudy	61		
20	76	52	64	0	Clear	91		
21	81	57	69	0	Partly Cloudy	72		
22	78	61	70	0	Partly Cloudy	62		
23	80	62	71	0	Cloudy	38		
24	82	64	73	0	Cloudy	33		
25	84	68	76	0	Cloudy	38		
26	80	57	68	T	Cloudy	13		
27	74	48	61	0	Clear	85		
28	80	51	66	.08	Partly Cloudy	61		
29	75	59	67	.03	Cloudy	13		
30	76	56	66	0	Partly Cloudy	55		
31	74	53	64	0	Partly Cloudy	60		
Mean	78.6	59.1	68.8	2.98		47		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.08; highest 30.37; date 30
Lowest	29.66; date 4

TEMPERATURE.	
Highest	84°; date 14; lowest 48°; date 27
Greatest daily range	29°; date 28
Least daily range	10°; date 16

MEAN FOR THIS MONTH IN	
1905	68°
1906	73°
1907	69°
1908	69°
1909	69°
1910	69°
Normal for this month	69
Absolute maximum for this month for 6 years	94-'07
Absolute minimum for this month for 6 years	43-'08
Average daily deficiency (—) of this month as compared with the normal	0.1°
Accumulated excess since January 1	556.8°
Average daily excess since January 1	2.3°

PRECIPITATION.	
Total this month	2.98
Snowfall	0
Greatest precipitation in 24 hours	1.55, date 10, 11
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905	5.08
1906	2.65
1907	1.03
1908	6.74
1909	3.35
1910	2.98
Normal for this month	4.56
Deficiency (—) of this month as compared with the normal	1.58
Accumulated deficiency (—) since January 1	3.19

WIND.	
Prevailing direction	S
Total movement	5,209 miles
Average hourly velocity	7.0
Maximum velocity (for five minutes) 25 miles per hour, from SW on 25th.	

WEATHER.	
Number of days, clear	4
Partly cloudy	13
Cloudy	14
On which .or inch, or more, of precipitation occurred	10

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	21
Hail	None
Sleet	None
Fog	3
Thunderstorms	2, 4, 11, 15, 21, 26
Mean relative humidity	76.7 per cent.
*Frosts: light..None; heavy..None; killing..None.	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

STANLEY S. SCHWORM, Temporarily in Charge

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1910, and a Statement of the Births and Marriages for the Month of August, 1910.

Total estimated population of the State, 1,083,477.

TOWNS.	Estimated Population.	Living Births in Aug.	Still Births in Aug.	Marriages in Aug.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Poeternal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	15,020	34	3	13	10	7.9	3	1	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3
Brantford, .....	6,932	16	---	8	13	22.4	4	---	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Bridgeport, .....	102,054	279	8	82	115	13.1	32	2	29.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
Bristol, .....	11,904	26	---	5	21	21.1	6	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Danbury, .....	19,475	34	3	9	21	10.4	5	---	23.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Derby, .....	9,891	25	1	12	15	9.7	7	---	46.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
East Hartford, .....	8,357	15	2	6	3	4.3	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Enfield, .....	9,719	23	1	14	11	13.5	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Fairfield, .....	5,110	7	---	2	6	14.0	3	1	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Glastonbury, .....	5,063	7	---	5	5	11.8	7	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Greenwich, .....	14,213	37	---	14	25	20.2	7	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Groton, .....	6,385	14	---	5	6	11.2	2	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden, .....	5,850	12	---	3	6	12.3	2	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hartford, .....	85,915	209	7	77	131	13.3	30	12	32.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	
Huntington, .....	7,138	16	1	3	15	21.8	4	---	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10	
Killingly, .....	6,043	10	1	7	17	12.6	4	5	85.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
Manchester, .....	12,080	19	2	12	17	15.7	4	2	35.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Meriden, .....	32,066	42	2	16	47	16.4	17	3	42.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
Middlebury, .....	19,767	32	---	12	45	21.2	11	8	42.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Naugatuck, .....	14,864	36	---	15	17	13.7	10	70.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
New Britain, .....	37,397	144	8	54	58	17.3	19	10	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
New Haven, .....	113,605	345	16	95	146	12.6	32	14	31.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17	
New London, .....	21,339	35	4	18	31	17.4	6	3	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
New Milford, .....	5,601	11	---	3	7	14.7	4	1	71.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Norwalk, .....	22,117	53	---	16	10	5.4	3	---	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Norwich, .....	26,226	58	---	22	56	22.9	9	5	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Orange, .....	9,453	22	1	5	10	12.6	1	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Plainfield, .....	5,060	19	---	6	10	23.6	3	---	66.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Punam, .....	7,280	5	---	3	11	16.4	6	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Southington, .....	6,279	14	---	29	38	20.2	7	2	23.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
Stamford, .....	21,978	62	4	3	18	21.8	1	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stonington, .....	9,866	12	1	3	18	21.8	1	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Thompson, .....	7,304	6	---	4	9	14.7	2	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Torrington, .....	18,858	30	---	8	19	12.0	6	1	36.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Vernon, .....	9,087	14	1	9	6	7.9	---	---	10.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Wallingford, .....	11,155	35	---	5	11	11.8	2	---	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Waterbury, .....	73,141	180	10	50	81	12.7	34	9	53.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	
Winchester, .....	9,343	15	---	3	11	12.8	4	---	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Windham, .....	10,242	29	1	13	22	25.7	7	1	36.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Total of the 39 above towns, .....	856,817	1992	79	658	1100	15.4	301	94	35.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17
124 towns of less than 5,000 inhabitants	220,285	361	7	94	280	15.2	42	16	29.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2
Total reported from 163 towns, .....	1,077,102	2353	86	752	1380	15.3	343	110	32.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7
Population of towns not reporting, .....	6,375	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 23; in Danbury, 6; in Derby, 7; in Greenwich, 6; in Hartford, 51; in Huntington, 2; in Meriden, 10; in Middletown, 12; in New Britain, 9; in New Haven, 44; in New London, 4; in Norwalk, 2; in Norwich, 9; in Punam, 2; in Stamford, 5; in Wallingford, 11; in Winchester, 1; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in September: Andover, Berlin, Bethany, Bridgewater, Canaan, Chester, Eastford, East Granby, Franklin, Harwinton, Kent, Killingworth, Middleborough, Middlefield, Monroe, Morris, North Brantford, North Stonington, Old Lyme, Redding, Ridgefield, Rocky Hill, Tolland, Union, Washington, Wolcott, Woodbridge.—Total, 28.

\* Census 1910.

The Registrars of the following towns has made no report for September: Cornwall, Cromwell, Haddam, Hartland, Prospect.—Total, 5.

# REMARKS.

By mortality reports received there were 1,380 deaths during the month of September. This was 44 less than in August and 88 more than in September of last year, and 84 more than the average number of deaths during September for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,696	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577
Total first quarter,	4,551	4,251	4,528	4,787	4,064	4,357
April,	1,509	1,501	1,330	1,420	1,430	1,329
May,	1,417	1,330	1,204	1,320	1,404	1,109
June,	1,265	1,216	1,146	1,225	1,248	1,289
Total second quarter,	4,191	4,047	3,680	3,974	4,082	3,817
July,	1,735	1,412	1,496	1,518	1,537	1,650
August,	*1,424	1,492	1,410	1,761	1,650	1,417
September,	1,380	1,292	1,240	1,498	1,342	1,196
Total third quarter,	4,539	4,196	4,146	4,687	4,529	4,263

The death rate was 15.4 for the large towns, for the small towns 15.2, and 15.3 for the whole State.

The deaths reported from infectious diseases were 209, being 15.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 1; Cheshire, 1; Coventry, 1; East Hartford, 1; Hamden, 1; Hartford, 7; Manchester, 3; Norwalk, 1; Plainfield, 1; Saybrook, 1; Southington, 1; Stamford (city), 2; Waterbury, 3.—Total, 24 in 13 towns.

**Scarlet Fever.**—Ansonia, 6; Branford, 2; Bridgeport, 7; East Hartford, 2; Easton, 1; Enfield, 1; Greenwich, 3; Hampton, 1; Hartford, 20; Jewett City (borough), 3; Kent, 1; Manchester, 4; Mansfield, 1; Middletown (city), 1; Naugatuck, 3; New Britain, 5; New Fairfield, 1; New Haven, 2; New London, 4; Newtown, 2; Norfolk, 4; Norwich (city), 3; Norwich (town), 1; Ridgefield, 1; Seymour, 1; South Norwalk (city), 1; Wallingford, 1; Waterbury, 2; Windsor Locks, 1.—Total, 85 in 29 towns.

**Cerebro-spinal Fever.**—Derby, 1; Greenwich, 1; Hartford, 1; New Britain, 1; New London, 1; Putnam, 1.—Total, 6 in 6 towns.

**Infantile Paralysis.**—Bristol, 4; Canton, 3; Cromwell, 1; East Haven, 1; Enfield, 1; Groton (town), 3; Groton (borough), 1; Meriden (city), 2; Middletown (city), 18; Middletown (town), 4; Naugatuck, 1; New Britain, 2; New Haven, 2; Newton, 1; New London, 10; Plainville, 1; Pomfret, 1; Portland, 3; Southington, 1; Stafford Springs (borough), 1; Stonington, 4; Trumbull, 1; Waterbury, 3; West Hartford, 1; Windsor Locks, 1.—Total, 71 in 25 towns.

**Diphtheria and Croup.**—Bridgeport, 8; Bristol, 1; Burlington, 1; Chatham, 1; Danbury (city), 7; Danbury (town), 1; Derby, 6; East Haddam, 4; East Hartford, 1; Ellington, 1; Enfield, 4; Fairfield, 1; Glastonbury, 1; Greenwich, 3; Hamden, 1; Hartford, 33; Harwinton, 1; Huntington, 1; Killingly, 1; Manchester, 5; Meriden (city), 2; Middletown (city), 1; Naugatuck, 5; New Britain, 15; New Canaan, 7; New Haven, 11; New Milford, 1; Norwich (city), 4; Norwich (town), 6; Plainfield, 1; Plymouth, 1; Ridgefield (town), 3; Ridgefield (borough), 1; Rockville (city), 3; Salem, 4; Southbury, 2; Stamford (city), 3; Stamford (town), 2; Suffield, 1; Torrington (borough), 1; Waterbury, 7; Waterford, 1; Wethersfield, 1; Windham, 1; Windsor 2.—Total, 168 in 44 towns.

**Whooping Cough.**—Ansonia, 3; Ashford, 2; Bridgeport, 2; Bristol, 2; Burlington, 2; Canaan, "few cases"; Derby, 6; East Windsor, 1; Hartford, 3; Meriden (city), 1; North Canaan, 7; North Haven, 6; Ridgefield (town), 1; Ridgefield (borough), 3; Stamford (city), 3; Waterbury, 9.—Total, 51+ in 15 towns.

**Typhoid Fever.**—Berlin, 1; Bridgeport, 7; Bristol, 1; Brooklyn, 1; Cheshire, 1; Danbury (city), 6; Derby, 1; Eastford, 1; East Haddam, 1; East Haven, 3; Enfield, 1; Fairfield, 1; Greenwich, 3; Groton, 2; Hamden, 2; Hartford, 52; Ledyard, 1; Manchester, 3; Meriden (city), 5; Middletown (city), 1; Middletown (town), 1; Milford, 1; Montville, 1; New Britain, 4; New Haven, 52; New London, 2; Newtown, 1; North Canaan, 1; North Haven, 1; Norwalk (city), 12; Norwalk (town), 2; Old Lyme, 1; Old Saybrook, 3; Plainville, 1; Plymouth, 10; Portland, 1; Preston, 1; Redding, 1; Sharon, 5; Shelton (borough), 1; Southbury, 2; South Norwalk (city), 2; Stafford Springs (borough), 1; Stamford (city), 1; Stamford (town), 1; Stratford, 2; Voluntown, 1; Wallingford (borough), 1; Waterbury, 11; Westbrook, 1; West Haven (borough), 3; Westport, 1; Willimantic (city), 5; Windsor, 1; Windsor Locks, 7; Windsor (borough), 10.—Total, 244 in 56 towns.

**Consumption.**—Ansonia, 5; Beacon Falls, 1; Bethany, 1; Bethlehem, 1; Branford, 1; Bridgeport, 6; Colchester, 1; Derby, 4; Glastonbury, 1; Greenwich, 3; Haddam, 1; Hartford, 17; Hebron, 1; Lebanon, 1; Manchester, 2; Meriden (city), 10; Meriden (town), 1; Middletown (city), 1;

Naugatuck, 1; New Britain, 5; New Haven, 16; New London, 4; Norwalk (city), 1; Norwich (city), 2; Plainfield, 2; Plainville, 1; Rockville (city), 1; Saybrook, 1; Seymour, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 3; Stonington (town), 1; Stonington (borough), 1; Thomaston, 1; Waterbury, 14; West Hartford, 2; West Haven (borough), 1; Wethersfield, 1; Willimantic (city), 1.—Total, 120 in 40 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Barkhamsted, Bethel, Bloomfield, Bolton, Bozrah, Bridge-water, Brookfield, Canterbury, Chaplin, Chester, Clinton, Colebrook, Columbia, Cornwall, Danielson (borough), Darien, Durham, East Granby, East Lyme, Essex, Farmington, Franklin, Goshen, Granby, Griswold, Guilford, Hartland, Killingworth, Lisbon, Litchfield, Lyme, Madison, Marlborough, Middlebury, Monroe, Morris, New Hartford, North Branford, North Stonington, Orange, Oxford, Prospect, Rocky Hill, Roxbury, Salisbury, Scotland, Sherman, Simsbury, Somers, South Windsor, Sprague, Stafford, Sterling, Thompson, Tolland, Torrington, Union, Vernon, Warren, Washington, Watertown, Weston, Willington, Wilton, Winchester, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 70.

All the Health Officers of New Haven, New London, Windham, Litchfield, Fairfield, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Avon.  
MIDDLESEX Co.—Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Cerebro-spinal Fever.**—Waterford, 1.  
**Diphtheria and Croup.**—East Haddam, 1; Ridgefield, 2; Waterford, 1.—Total, 3.  
**Whooping Cough.**—East Windsor, 1; North Canaan, 1; Pomfret, 1.—Total, 3.  
**Typhoid Fever.**—Cheshire, 1; Ledyard, 1; Milford, 2; Montville, 1; Preston, 1; Windsor Locks, 1.—Total, 7.  
**Consumption.**—Avon, 1; Bethel, 1; Bethlehem, 1; Bozrah, 1; Colchester, 1; East Lyme, 1; Easton, 1; Farmington, 1; Litchfield, 1; Lyme, 1; Middlebury, 1; Newtown, 1; Preston, 1; Somers, 1; Sprague, 1; Stratford, 1; Suffield, 1; Waterford, 1; Watertown, 1; Westport, 1; Woodbury, 1; Woodstock, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Ques.	No Growth.
Diphtheria, diagnosis.....	23	25	..	48
"    "    release.....	12	15	3	30
Tuberculosis.....	42	102	..	144
Typhoid Fever.....	50	62	2	114
Rabies.....	1	2	..	3
Malaria.....	..	10	..	10
Total specimens examined.....				349
Samples of milk analyzed.....				261
"    "    water, sewage and sewage effluents				
examined.....				56
"    "    illuminating oil tested.....				5

## PREVALENCE OF INFANTILE PARALYSIS.

During the past four months this Department has been in receipt of reports of infantile paralysis in various parts of the State. Although there have been quite a number of cases reported, these have been well distributed over the State and the disease has not yet appeared in extensive epidemic form in any particular locality. Much interest is being taken in its study in many parts of the country where it has prevailed, not only among sanitarians, but the medical profession in general. This Board is very anxious to secure, on blanks which are now being prepared for that purpose, a complete report of every case that has occurred in the State during the present year. These blanks will be sent out through the health officers, and it is hoped that they and the physicians will cooperate with the State Board of Health in its endeavor to secure all possible data relative to the causation and mode of transmission of this disease, which is capable of producing such serious results.

Respectfully submitted,  
JOSEPH H. TOWNSEND, M.D.,

*Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.*

HARTFORD, October 15, 1910.

\* Eight delayed certificates for August have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.
	Max.	Min.	Mean.			
1	72	64	68	.03	Cloudy	0
2	74	59	66	.02	Partly Cloudy	66
3	71	52	62	.38	Cloudy	9
4	80	62	71	.01	Cloudy	13
5	81	68	74	1.00	Cloudy	19
6	77	67	72	1.61	Cloudy	0
7	78	64	71	0	Partly Cloudy	74
8	74	58	66	0	Partly Cloudy	58
9	78	57	68	.02	Partly Cloudy	49
10	70	48	59	0	Clear	100
11	73	48	60	0	Clear	72
12	78	50	64	0	Clear	64
13	80	54	67	T	Partly Cloudy	60
14	66	53	60	T	Cloudy	11
15	70	45	58	0	Clear	82
16	70	44	57	0	Partly Cloudy	25
17	70	46	58	0	Cloudy	36
18	81	52	66	0	Partly Cloudy	60
19	66	48	57	.03	Cloudy	0
20	71	48	60	0	Cloudy	23
21	75	58	66	.02	Clear	74
22	67	48	58	0	Clear	100
23	69	38	54	0	Partly Cloudy	50
24	65	58	62	.01	Cloudy	0
25	77	58	68	T	Partly Cloudy	38
26	77	62	70	0	Partly Cloudy	32
27	72	50	66	.06	Cloudy	0
28	72	55	64	.22	Partly Cloudy	67
29	69	48	58	0	Clear	85
30	69	45	57	0	Partly Cloudy	51
Mean	73.1	53.9	63.5	3.41		44

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean..... 30.09; highest..... 30.33; date 23  
Lowest..... 29.82; ..... date 3

### TEMPERATURE.

Highest..... 81°; date 5; lowest..... 38°; date 23  
Greatest daily range..... 31°; ..... date 23  
Least daily range..... 7°; ..... date 24

### MEAN FOR THIS MONTH IN

1905..63° 1906..66° 1907..64° 1908..65° 1909..62° 1910..64°  
Normal for this month..... 62  
Absolute maximum for this month for 6 years..... 92-'06  
Absolute minimum for this month for 6 years..... 36-'05  
Average daily excess (+) or deficiency (—) of this month as compared with the normal..... +1.8°  
Accumulated excess (+) or deficiency (—) since January 1..... +61.8°  
Average daily excess (+) or deficiency (—) since January 1..... +2.2°

### PRECIPITATION.

Total this month..... 3.41  
Snowfall..... 0  
Greatest precipitation in 24 hours 1.61, date..... 6  
Snow on the ground at end of month..... 0

### TOTAL PRECIPITATION THIS MONTH IN

1905..3.43 1906..3.57 1907..11.56 1908..1.12 1909..3.83 1910..3.41  
Normal for this month..... 3.50  
Excess (+) or deficiency (—) of this month as compared with the normal..... —0.09  
Accumulated excess (+) or deficiency (—) since January 1..... —3.28

### WIND.

Prevailing direction..... S  
Total movement..... 4,327 miles  
Average hourly velocity..... 6.0  
Maximum velocity (for five minutes) 24 miles per hour, from SW on 9th.

### WEATHER.

Number of days, clear..... 7  
Partly cloudy..... 12  
Cloudy..... 11  
On which .01 inch, or more, of precipitation occurred..... 12

### MISCELLANEOUS PHENOMENA (dates of).

Auroras..... None  
Halos, solar..... None  
Halos, lunar..... 17  
Hail..... None  
Sleet..... None  
Fog..... 11, 23, 30  
Thunderstorms..... 5, 6, 28  
Mean relative humidity..... .79 per cent.  
\*Frosts: light..16, 23; heavy..None; killing..None.

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killiog," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1910, and a Statement of the Births and Marriages for the Month of September, 1910.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births in Sept.	Still Births in Sept.	Marriages in Sept.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years of total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.....	15,152	40	3	17	13	10.2	3	38.4	---	---	1	---	---	---	---	---	---	---	---	---	2	---	1	---	2	1	1	5		
Brantford.....	6,047	8	1	8	7	13.8	3	28.5	---	---	---	---	---	---	---	---	---	---	---	---	2	---	1	---	2	1	1	5		
Bridgeport.....	102,054	265	7	86	114	12.9	27	31.7	---	---	---	---	---	3	2	1	2	2	6	2	7	7	2	10	8	7	57			
Bristol.....	13,502	17	3	10	16	11.2	4	25.0	---	---	1	---	---	---	---	---	---	---	---	---	6	---	2	---	1	8	7	57		
Danbury.....	23,502	40	2	17	33	15.8	4	15.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	4	12	4		
Derby.....	8,091	23	1	13	14	17.3	4	42.8	---	---	---	2	---	---	---	---	---	---	---	---	1	---	5	---	4	4	12	4		
East Hartford.....	8,138	9	1	13	10	14.7	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	2	1	11		
Enfield.....	9,719	22	1	3	18	22.2	7	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	2	1	11		
Fairfield.....	6,134	6	---	5	2	3.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	1	1	11		
Greenwich.....	16,463	34	---	26	30	21.8	8	30.0	---	---	---	---	---	---	---	---	---	---	---	---	4	---	---	---	4	6	15	1		
Groton.....	6,495	16	---	5	6	11.0	1	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	2	5		
Hamden.....	5,850	16	---	1	9	18.4	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	2	2	5		
Hartford.....	98,915	210	8	104	150	14.9	25	7	21.3	---	2	1	3	11	1	1	4	8	---	---	8	9	16	3	19	16	14	43		
Huntington.....	6,545	12	1	7	9	1.2	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	2	5	
Killingly.....	6,504	16	---	2	9	16.4	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	2	2	5	
Manchester.....	13,611	21	1	10	12	10.5	1	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	5	
Meriden.....	32,066	68	2	18	31	11.2	5	22.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	11	
Middletown.....	20,719	34	2	25	67	23.7	10	7	25.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	11	
Naugatuck.....	12,782	36	---	8	16	15.0	7	50.0	---	---	2	1	3	---	---	---	---	---	---	---	7	1	4	2	---	1	1	4	15	
New Britain.....	43,916	146	13	32	45	12.2	13	6	42.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	10	2	15	
New Canaan.....	133,605	315	14	118	170	14.6	26	10	24.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	10	2	15	
New Haven.....	19,959	30	3	29	29	17.7	4	3	21.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	10	2	15	
New London.....	19,659	30	3	29	29	17.7	4	3	21.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22	10	2	15	
New Milford.....	5,010	9	1	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	3	14	1	
Norfolk.....	24,211	41	---	21	28	13.8	5	17.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	2	6	9	
Norwich.....	28,219	38	4	30	30	12.7	3	26.6	---	---	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	3	1	9	
Orange.....	11,272	12	3	6	5	5.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Plainfield.....	6,719	8	---	3	3	5.3	---	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Plymouth.....	5,021	19	2	11	15	21.4	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Putnam.....	7,280	12	1	11	15	21.4	2	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Southington.....	6,516	13	1	7	11	20.2	6	63.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Stamford.....	5,233	13	---	4	4	9.1	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Stafford.....	28,836	76	1	36	36	14.1	13	2	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Stonington.....	9,154	18	1	14	9	11.7	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Stratford.....	5,712	8	1	2	8	16.8	2	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Torrington.....	16,840	32	3	9	19	13.5	6	31.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Vernon.....	9,087	19	---	10	15	19.8	3	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Wallingford.....	11,155	20	1	3	13	13.9	2	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Waterbury.....	73,141	172	8	57	69	10.8	17	10	59.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Westford.....	8,079	12	---	4	11	15.2	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Winchester.....	12,604	24	---	13	22	18.0	5	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Windham.....	13,604	24	---	13	22	18.0	5	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	3	
Total of the 40 above towns.....	885,118	1930	90	785	1113	15.0	227	84	27.9	---	9	3	2	22	19	4	33	1	62	9	88	98	21	120	116	74	432	1		
124 towns of less than 5,000 inhabitants.....	221,993	286	10	126	252	13.6	36	7	17.1	---	---	---	---	10	1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	109
Total reported from 164 towns.....	1,107,111	2219	100	911	1365	14.7	263	91	25.9	---	9	3	2	32	20	4	34	1	71	10	107	108	22	153	160	88	547	1		
Population of towns not reporting.....	7,645	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 5; in Derby, 4; in Greenwich, 8; in Hartford, 69; in Huntington, 2; in Meriden, 3; in Middletown, 32; in New Britain, 7; in New Haven, 51; in New London, 6; in Norwalk, 3; in Norwich, 3; in Putnam, 3; in Stamford, 4; in Waterbury, 17; in Winchester, 1; and in Windham, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in October: Andover, Ashford, Barkhamsted, Bethany, Bridgewater, Colebrook, Cromwell, Durham, East Haven, Ellington, Franklin, Goshen, Hartland, Hebron, Killingworth, Middlebury, Morris, New Milford, Norfolk, North Branford, Oxford, Pomfret, Portland, Prospect, Scotland, Sharon, Sherman, Union, Voluntown, Westbrook, Weston, Wolcott.—Total, 32.

The Registrars of the following towns has made no report for October: Cornwall, Madison, Mansfield, Ridgefield.—Total, 4.

# REMARKS.

By mortality reports received there were 1,365 deaths during the month of October. This was 21 less than in September and 129 more than in October of last year, and 118 more than the average number of deaths during October for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,498	1,366	1,557	1,696	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,632	1,572	1,456	1,572	1,489	1,577
Total first quarter,	4,551	4,251	4,528	4,787	4,064	4,357
April,	1,509	1,501	1,330	1,420	1,430	1,329
May,	1,417	1,330	1,204	1,329	1,404	1,199
June,	1,265	1,216	1,146	1,225	1,248	1,289
Total second quarter,	4,191	4,047	3,680	3,974	4,082	3,817
July,	1,735	1,412	1,410	1,518	1,537	1,650
August,	*1,425	1,492	1,410	1,761	1,650	1,417
September,	*1,386	1,292	1,240	1,408	1,342	1,196
Total third quarter,	4,546	4,196	4,146	4,687	4,529	4,263
October,	1,365	1,236	1,215	1,334	1,286	1,166

The death rate was 15.0 for the large towns, for the small towns 13.6, and 14.7 for the whole State.

The deaths reported from infectious diseases were 211, being 15.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 5; Cheshire, 1; Enfield, 5; Farmington, 4; Hamden, 1; Hartford, 1; New Haven, 2; Newington, 1; Stafford Springs (borough), 1; Stamford (city), 20; Waterbury, 14.—Total, 55 in 11 towns.

**Scarlet Fever.**—Ansonia, 6; Bridgeport, 3; Bristol, 1; Danbury (city), 3; Darien, 2; Derby, 1; Glastonbury, 1; Greenwich, 5; Hartford, 14; Jewett City (borough), 1; Manchester, 11; Meriden (city), 1; Middletown (city), 2; Naugatuck, 10; New Britain, 6; New Haven, 9; New London, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 6; Norwich (town), 5; Plainfield, 1; Plainville, 1; Plymouth, 1; Seymour, 2; Stafford Springs (borough), 1; Stamford (city), 2; Stonington, 2; Wallingford (borough), 2; Waterbury, 2; West Haven (borough), 2; Wethersfield, 1.—Total, 108 in 32 towns.

**Cerebro-spinal Fever.**—Danielson (borough), 1; New Britain, 1.—Total, 2 in 2 towns.

**Infantile Paralysis.**—Andover, 1; Berlin, 2; Bristol, 1; Cromwell, 1; Enfield, 1; Farmington, 1; Hartford, 2; Lebanon, 1; Middletown (city), 2; Middletown (town), 2; New Britain, 1; New Haven, 3; New London, 4; Portland, 2; Putnam, 3; West Hartford, 1; Willimantic (city), 3.—Total, 31 in 17 towns.

**Diphtheria and Croup.**—Bridgeport, 32; Bristol, 1; Coventry, 7; Danbury (city), 10; Danbury (town), 1; Danielson (borough), 2; Derby, 17; East Haddam, 4; East Hartford, 10; East Windsor, 2; Ellington, 2; Enfield, 35; Farmington, 5; Greenwich, 7; Groton (borough), 7; Hamden, 18; Marlborough, 2; Meriden (city), 5; Middletown (city), 1; Middletown (town), 1; Naugatuck, 3; New Britain, 11; New Hartford, 1; New Haven, 14; Newington, 1; Putnam, 1; Rockville (city), 12; Salem, 4; Shelton (borough), 3; South Windsor, 1; Sprague, 1; Stamford (city), 1; Stratford, 5; Thompson, 2; Tolland, 6; Torrington (borough), 1; Waterbury, 3; West Hartford, 1; Wethersfield, 1; Willimantic (city), 1; Windham, 1.—Total, 306 in 50 towns.

**Whooping Cough.**—Ansonia, 1; Bridgeport, 1; Bristol, 2; Burlington, 2; Canaan, "few cases"; Chaplin, 3; Fairfield, 5; Farmington, 1; Hartford, 3; Meriden (city), 7; Naugatuck, 1; New Hartford, 1; North Canaan, 7; Ridgefield, 2; Rockville (city), 7; Stamford (city), 1; Vernon, 1; Waterbury, 12.—Total, 57+ in 18 towns.

**Typhoid Fever.**—Ansonia, 2; Avon, 1; Branford, 8; Bridgeport, 5; Bristol, 1; Brooklyn, 1; Danbury (city), 2; Derby, 4; East Hartford, 3; Glastonbury, 1; Greenwich, 1; Groton, 3; Guilford, 1; Hamden, 3; Hartford, 32; Manchester, 2; Meriden (city), 2; Middletown (city), 8; Milford, 3; Naugatuck, 1; New Britain, 5; New Haven, 26; New London, 4; North Haven, 1; Norwalk (city), 5; Norwalk (town), 2; Norwich (city), 1; Old Lyme, 1; Old Saybrook, 4; Plainfield, 1; Plymouth, 4; Putnam, 1; Salisbury, 4; Sharon, 2; Shelton (borough), 1; Southbury, 1; South Norwalk (city), 1; Stafford, 2; Stamford (city), 1; Thompson, 1; Torrington (borough), 1; Voluntown, 1; Washington, 1; Waterbury, 17; Waterford, 1; West Hartford, 1; West Haven (borough), 3; Willimantic (city), 5; Wilton, 1; Windsor, 1; Windsor Locks, 3; Winsted (borough), 6.—Total, 192 in 52 towns.

**Consumption.**—Andover, 2; Ansonia, 1; Bethany, 1; Bridgeport, 9; Colchester, 1; East Hartford, 1; Greenwich, 1; Groton, 1; Hartford, 4; Killingly, 1; Manchester, 1; Meriden (city), 3; Meriden (town), 1; Middletown (city), 3; Milford, 1; New Britain 5; New Haven, 32; New London, 4; North Haven, 1; Norwalk (city), 1; Norwich (city), 3; Plainfield, 1; Plymouth, 1; Portland, 1; Preston, 2; Ridge-

field, 2; Rockville (city), 1; Scotland, 1; South Norwalk (city), 4; Stamford (city), 3; Thomaston, 1; Vernon, 1; Wallingford (borough), 1; Waterbury, 11; Waterford, 1; West Haven (borough), 1; Willimantic (city), 1.—Total, 110 in 38 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamstead, Beacon Falls, Bethel, Bethlehem, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Canterbury, Canton, Chatham, Chester, Clinton, Colebrook, Columbia, Cornwall, Durham, Eastford, East Granby, East Haven, East Lyme, Easton, Franklin, Goshen, Granby, Griswold, Haddam, Hampton, Hartland, Kent, Killingworth, Ledyard, Lisbon, Litchfield, Lyme, Madison, Mansfield, Middlebury, Middlefield, Monroe, Montville, Morris, New Canaan, New Fairfield, New Milford, Norfolk, North Branford, North Stonington, Orange, Oxford, Pomfret, Prospect, Redding, Ridgefield (borough), Rocky Hill, Roxbury, Saybrook, Sherman, Somers, Southington, Stamford, Sterling, Stonington (borough), Suffield, Torrington, Trumbull, Union, Wallingford, Warren, Watertown, Weston, Westport, Willington, Winchester, Wolcott, Woodbridge, Woodbury, Woodstock.—Total, 80.

All the Health Officers of New Haven, New London, Windham, Litchfield, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Simsbury.

FAIRFIELD Co.—Newtown.

MIDDLESEX Co.—Westbrook.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Coventry, 1; Farmington, 1; Marlboro, 2; Newington, 1; Newtown, 1; Salem, 1; Thompson, 1; Wethersfield, 2.—Total, 10.

**Whooping Cough.**—Lisbon, 1.

**Typhoid Fever.**—Eastford, 1.

**Consumption.**—Canaan, 1; Canton, 1; Coventry, 1; Farmington, 1; Haddam, 1; Harwinton, 1; Milford, 1; Newington, 3; Plainville, 1; Preston, 1; Sprague, 1; Sterling, 1; Thompson, 1; Trumbull, 1; Waterford, 1; Wethersfield, 2.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis	53	29	3	85
release	48	53	2	103
Tuberculosis	32	93	..	125
Typhoid Fever	50	45	13	108
Rabies	..	1	..	1
Malaria	..	3	1	4
Total specimens examined				426
Samples of milk analyzed				210
“ “ water, sewage and sewage effluents examined				36
“ “ illuminating oil tested				4

## PROF. WILLIAM H. BREWER.

The death of Professor William H. Brewer, which occurred at his home in New Haven, November 2, 1910, deserves from this Board more than a passing notice.

Professor Brewer was the last of the original members of the State Board of Health appointed at its organization in 1878. He continued in the service of the State for thirty-one years, retiring a little more than a year ago on account of failing health. For sixteen years he was president of the Board, filling the position with dignity, impartiality and courtesy. During these years of service he gave the State the benefit of a wide range of scientific knowledge, contributing much to the efficiency of the Board which he helped to organize. A generation ago the value of public health work was not appreciated as it is to-day and the Board met with opposition, even from some educated men. Prof. Brewer and his contemporaries had to create a system for which there was very little precedence and very little to be learned from the work done in other states.

A few years ago he was a notable figure at all meetings of National and State Health Associations and his vast fund of knowledge on so many and varied topics was often a wonder and delight to those who heard him.

Our associations with him were always most agreeable. His genial humor and practical common-sense lightened the labors of the Board and helped to make our meetings profitable. He died in his eighty-third year, and his influence will long be felt in the health administration of the State.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, November 15, 1910.

\* One delayed certificate for August and six for September have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation, (in inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	78	56	67	T	Partly Cloudy	36	30.00	29.46
2	65	49	57	0	Clear	87	30.45	
3	68	47	58	0	Partly Cloudy	55		
4	76	52	64	0	Cloudy	22		
5	80	66	73	0	Cloudy	25		
6	80	66	73	0	Partly Cloudy	43		
7	72	50	61	.13	Cloudy	0		
8	56	42	49	0	Cloudy	0		
9	61	43	52	.12	Cloudy	13		
10	59	47	53	0	Partly Cloudy	61		
11	74	43	58	0	Clear	83		
12	60	40	50	0	Partly Cloudy	73		
13	57	34	46	0	Clear	100		
14	74	43	58	T	Cloudy	43		
15	61	51	56	.01	Cloudy	0		
16	74	53	64	0	Partly Cloudy	49		
17	71	46	58	0	Clear	89		
18	74	42	58	0	Clear	65		
19	74	54	64	0	Clear	76		
20	66	57	62	.13	Cloudy	0		
21	60	44	52	0	Partly Cloudy	63		
22	50	42	46	.19	Cloudy	0		
23	55	45	50	T	Cloudy	16		
24	58	42	50	0	Partly Cloudy	71		
25	63	45	54	T	Cloudy	7		
26	54	42	48	0	Clear	99		
27	69	42	56	.04	Cloudy	15		
28	54	40	47	.15	Cloudy	19		
29	48	30	39	0	Partly Cloudy	37		
30	44	30	37	0	Clear	100		
31	56	26	41	0	Partly Cloudy	55		
Mean	64.2	45.5	54.8	0.77		45		

ATMOSPHERIC PRESSURE.	
Mean	30.00; highest 30.45; date 8
Lowest	29.46; date 25

TEMPERATURE.	
Highest	80°; date 6; lowest 26°; date 31
Greatest daily range	32°; date 18
Least daily range	8°; date 22

MEAN FOR THIS MONTH IN	
1904-49°	1905-53°
1906-53°	1907-49°
1908-55°	1909-51°
1910-45°	
Normal for this month	51
Absolute maximum for this month for 7 years	90-'08
Absolute minimum for this month for 7 years	25-'04
Average daily excess of this month as compared with the normal	3.6°
Accumulated excess since January 1	722.4°
Average daily excess since January 1	2.4°

PRECIPITATION.	
Total this month	0.77
Snowfall	0
Greatest precipitation in 24 hours 0.19, date	22
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1904-2.23	1905-2.23
1906-5.54	1907-4.53
1908-1.67	1909-1.40
1910-0.77	
Normal for this month	3.86
Deficiency (—) of this month as compared with the normal	3.09
Accumulated deficiency (—) since January 1	6.37

WIND.	
Prevailing direction	NW
Total movement	5,849 miles
Average hourly velocity	7.9
Maximum velocity (for five minutes) 36 miles per hour, from SW on 27th.	

WEATHER.	
Number of days, clear	8
Partly cloudy	10
Cloudy	13
On which .01 inch, or more, of precipitation occurred	7

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	19
Thunderstorms	9, 15, 25, 28
Mean relative humidity	.69 per cent.
*Frosts: light..None; heavy..13; killing..29.	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1910, and a Statement of the Births and Marriages for the Month of October, 1910.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births in Oct.	Still Births in Oct.	Marriages in Oct.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 1 year to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia, .....	15,152	33	---	21	9	7.1	1	2	33.3	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1
Branford, .....	6,047	13	---	9	12	23.8	1	1	10.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgewater, .....	102,054	245	12	108	111	12.9	17	9	23.4	---	---	---	---	---	---	---	---	---	---	---	3	11	10	1	9	8	14	49
Bristol, .....	13,502	20	---	10	7	6.2	3	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Danbury, .....	23,502	36	3	22	24	12.2	3	2	20.8	---	---	---	---	---	---	---	---	---	---	---	1	4	1	1	1	3	4	3
Derby, .....	8,991	22	---	16	12	16.0	1	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Hartford, .....	8,138	8	---	7	6	8.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Windsor, .....	9,719	23	1	14	12	14.8	1	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Enfield, .....	6,134	2	---	1	11	21.5	1	1	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fairfield, .....	16,463	23	2	22	18	13.1	5	2	38.8	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	3	1	2	5
Greenwich, .....	6,495	6	---	4	7	12.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Groton, .....	8,350	14	1	5	3	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hamden, .....	5,850	14	1	5	3	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, .....	98,915	244	16	104	123	18.1	21	0	21.3	---	---	---	---	---	---	---	---	---	---	---	2	8	17	4	11	14	6	25
Hartford, .....	6,545	16	2	10	18	3	1	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Huntington, .....	6,504	11	1	4	5	9.2	1	2	66.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly, .....	13,641	36	1	23	19	16.7	2	3	26.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester, .....	32,066	72	---	36	36	11.9	6	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden, .....	20,749	45	2	19	36	15.0	4	1	13.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown, .....	12,722	26	2	6	13	12.2	5	1	46.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck, .....	43,916	119	2	56	56	15.0	15	8	41.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain, .....	13,605	32	10	145	136	11.2	15	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Haven, .....	19,659	44	---	24	31	17.0	4	1	16.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London, .....	5,010	6	---	3	9	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Milford, .....	24,211	36	---	30	28	13.8	5	---	17.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwalk, .....	28,219	46	1	30	34	16.3	5	4	26.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange, .....	11,272	11	1	6	16	17.0	3	---	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plainfield, .....	6,719	7	---	3	10	17.8	3	---	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plymouth, .....	5,021	9	---	3	9	21.5	2	---	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Putnam, .....	7,280	11	2	8	8	13.1	1	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southington, .....	6,516	15	---	4	6	11.0	1	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stafford, .....	5,233	11	1	1	6	13.6	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford, .....	28,836	77	---	30	35	14.1	5	5	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington, .....	9,154	11	1	8	14	18.3	2	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington, .....	5,712	5	1	3	3	6.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington, .....	16,840	41	1	23	9	6.4	2	3	55.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vernon, .....	9,087	15	---	16	7	9.2	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallingford, .....	11,155	26	2	12	13	13.9	2	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury, .....	73,141	186	10	75	100	15.2	26	14	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windsor, .....	8,679	13	---	6	10	12.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham, .....	12,604	28	1	27	11	10.4	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total of the 40 above towns, .....	885,118	1908	77	944	1025	13.8	166	88	24.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
124 towns of less than 5,000 inhabitants	226,408	303	12	186	224	11.8	23	8	13.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 164 towns, .....	1,111,526	2211	89	1130	1249	13.4	189	96	22.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting, .....	3,230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 19; in Danbury, 3; in Greenwich, 2; in Hartford, 47; in Huntington, 2; in Meriden, 8; in Middletown, 15; in New Britain, 7; in New Haven, 38; in New London, 7; in Norwalk, 2; in Norwich, 3; in Putnam, 3; in Stamford, 4; in Wallingford, 3; in Waterbury, 25; in Winchester, 2; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Arden, Bethany, Bethlehem, Bolton, Bozrah, Bridgewater, Chaplin, Coventry, Cromwell, Eastford, East Haven, East Lyme, Goshen, Hampton, Hebron, Killingworth, Madison, Marlborough, Monroe, New Fairfield, Norfolk, North Branford, Old Lyme, Prospect, Salem, Scotland, Southbury, Tolland, Trumbull, Union, Voluntown, Wolcott, Woodbridge, Woodbury, Total, 36.

The Registrars of the following towns have made no report for November: Brookfield, Cornwall, Hartland, Sherman.—Total, 4.

# REMARKS.

By mortality reports received there were 1,249 deaths during the month of November. This was 131 less than in October and 16 less than in November of last year, and 9 more than the average number of deaths during November for the five years preceding.

	1907	1908	1909	1910	1911
January,	1,498	1,366	1,557	1,666	1,340
February,	1,421	1,313	1,515	1,519	1,235
March,	1,032	1,572	1,456	1,572	1,489
Total first quarter,	4,551	4,251	4,528	4,787	4,064
April,	1,509	1,501	1,330	1,420	1,329
May,	1,117	1,301	1,204	1,329	1,404
June,	*1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,192	4,047	3,680	3,974	4,082
July,	1,735	1,412	1,406	1,518	1,537
August,	1,425	1,492	1,410	1,761	1,650
September,	*1,387	1,292	1,240	1,408	1,342
Total third quarter,	4,547	4,196	4,146	4,687	4,529
October,	*1,380	1,236	1,215	1,334	1,286
November,	1,249	1,265	1,144	1,241	1,296

The death rate was 13.8 for the large towns, for the small towns 11.8, and for the whole State 13.4.

The deaths reported from infectious diseases were 181, being 14.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Avon, 1; Bridgeport, 3; Cheshire, 1; Greenwich, 2; Hartford, 3; Jewett City (borough), "epidemic"; Middletown (city), 3; Middletown (town), 1; New Canaan, 1; New Haven, 1; Norwich (city), 1; Norwich (town), 3; Plymouth, 2; Stamford (city), 54; Stamford (town), 1; Waterbury, 52.—Total, 158—16 in 16 towns.

**Scarlet Fever.**—Ansonia, 4; Bridgeport, 3; Bristol, 4; Cheshire, 1; Cromwell, 1; Danbury (city), 6; Darien, 1; Enfield, 3; Glastonbury, 4; Greenwich, 5; Hartford, 24; Manchester, 10; Middletown (city), 4; Naugatuck (borough), 7; New Britain, 2; New Haven, 9; New London (city), 1; Newtown, 9; Norwalk (city), 1; Norwich (city), 4; Norwich (town), 1; Plainfield, 2; Plainville, 1; Plymouth, 1; Seymour, 2; South Norwalk (city), 1; Sprague, 5; Stamford (city), 1; Sterling, 1; Stonington, 3; Wallingford, 1; Waterbury, 9; Watertown, 2; Westbrook, 6; Wethersfield, 1; Willimantic (city), 1.—Total, 141 in 36 towns.

**Cerebro-spinal Fever.**—Derby (city), 1.

**Infantile Paralysis.**—Danbury (city), 1; Fairfield, 1; Groton (borough), 1; Hampton, 1; Hartford, 2; New Haven, 2; Simsbury, 1; Southington, 1.—Total, 10 in 8 towns.

**Diphtheria and Croup.**—Andover, 1; Bloomfield, 1; Branford, 6; Bridgeport, 21; Bristol, 1; Coventry, 1; Danbury (city), 10; Derby (city), 8; East Granby, 4; East Hartford, 3; East Windsor, 5; Enfield, 14; Fairfield, 1; Farmington, 9; Glastonbury, 1; Granby, 2; Greenwich, 10; Groton (borough), 8; Hamden, 6; Hartford, 55; Jewett City (borough), 3; Manchester, 27; Meriden (city), 3; Middletown (city), 2; Middletown (town), 1; Naugatuck (borough), 1; New Britain, 16; New Hartford, 1; New Haven, 25; New London (city), 2; Norwalk, 2; Norwich (city), 6; Norwich (town), 3; Plainfield, 1; Putnam, 1; Rockville (city), 6; Rocky Hill, 1; Scotland, 1; Sharon, 2; Shelton (borough), 5; Simsbury, 2; Somers, 2; Southington, 2; South Windsor, 1; Suffield, 5; Thompson, 4; Tolland, 3; Torrington (borough), 2; Wallingford, 1; Waterbury, 14; Waterford, 2; Watertown, 2; West Haven (borough), 1; Wethersfield, 2; Willimantic (city), 3; Windsor, 1.—Total, 323 in 56 towns.

**Whooping Cough.**—Easton, 3; Farmington, 1; Hartford, 2; Killingworth, 4; Meriden (city), 1; Meriden (town), 1; New London (city), 10; Newtown, 1; North Canaan, 9; Norwalk (city), 3; Rockville (city), 5; South Norwalk (city), 1; Sprague, 1; Stamford (city), 2; Waterbury, 22.—Total, 66+ in 15 towns.

**Typhoid Fever.**—Avon, 1; Branford, 5; Bristol, 1; Burlington, 1; Cheshire, 1; Danbury (city), 1; Derby (city), 1; Granby, 1; Greenwich, 2; Hamden, 4; Hartford, 16; Lisbon, 1; Manchester, 3; Mansfield, 1; Middlefield, 1; Middletown (city), 2; Middletown (town), 1; New Britain, 8; New Haven, 34; North Canaan, 1; Norwalk (city), 3; Old Saybrook, 1; Plainfield, 1; Plymouth, 5; Putnam, 1; Salisbury, 1; Southington, 1; Stamford, 1; Stonington, 2; Suffield, 1; Wallingford, 3; Washington, 1; Waterbury, 9; West Hartford, 1; West Haven (borough), 2; Willimantic (city), 3; Windsor Locks, 11; Winsted (borough), 6.—Total 139 in 38 towns.

**Consumption.**—Ansonia, 1; Branford, 1; Bridgeport, 10; Bristol, 2; Darien, 1; Derby (city), 2; East Hartford, 1; Enfield, 2; Hartford, 5; Huntington, 1; Jewett City (borough), 1; Litchfield, 1; Manchester, 1; Mansfield, 1; Meriden (city), 5; Middletown, 1; Milford, 1; Naugatuck (borough), 1; New Britain, 7; New Haven, 21; New London (city), 4; Newtown, 1; Norfolk, 1; North Haven, 1; Norwalk (city), 1; Norwich (city), 1; Old Saybrook, 1; Plymouth, 1; Portland, 1; Rock-

ville (city), 1; Sharon, 1; South Norwalk (city), 3; Stamford (city), 4; Stonington (borough), 1; Thomaston, 1; Wallingford, 3; Waterbury, 16; West Haven (borough), 1; Willimantic (city), 1; Woodstock, 1.—Total 111 in 40 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Ashford, Barkhamsted, Beacon Falls, Berlin, Bethany, Bethel, Bethlehem, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Canton, Chaplin, Chatham, Chester, Clinton, Colchester, Colebrook, Columbia, Cornwall, Danbury, Danielson (borough), Durham, Eastford, East Haddam, East Haven, East Lyme, Ellington, Essex, Franklin, Goshen, Griswold, Groton, Guilford, Hartland, Hartwinton, Hebron, Kent, Killingly, Lebanon, Ledyard, Lyme, Madison, Marlborough, Middlebury, Monroe, Montville, Morris, New Fairfield, Newington, New Milford, North Branford, North Stonington, Old Lyme, Orange, Oxford, Pomfret, Preston, Prospect, Redding, Ridgefield (town and borough), Roxbury, Salem, Saybrook, Sherman, Southbury, Stafford Springs (borough), Stratford, Torrington, Trumbull, Union, Vernon, Voluntown, Warren, Weston, Westport, Willington, Wilton, Winchester, Windham, Wolcott, Woodbridge, Woodbury.—Total, 89.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield, and Tolland Counties have reported, but the Health Officer of the following town has not reported:

MIDDLESEX Co.—Haddam.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

Diphtheria and Croup.—East Granby, 1; Thompson, 2.—Total, 3.

Typhoid Fever.—Griswold, 1; New Canaan, 1; North Haven, 1.—Total 3.

Consumption.—Brooklyn, 2; Cheshire, 1; Guilford, 1; Newtown, 1; Old Saybrook, 1; Redding, 1; Salisbury, 1; Sprague, 1; Watertown, 1; Wilton, 1; Woodstock, 1.—Total, 12.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	48	61	3	112
release .....	87	256	4	347
Tuberculosis .....	36	94	..	130
Typhoid Fever .....	33	50	3	86
Rabies .....	1	..	..	1
Malaria .....	..	5	..	5
Total specimens examined .....				681
Samples of milk analyzed .....				245
" " water, sewage and sewage effluents examined .....				41
" " illuminating oil tested .....				4

## TUBERCULOSIS LITERATURE.

In addition to the leaflets on the cause and prevention of tuberculosis which the State Board of Health issue, we have on hand a supply of Educational Cards in several foreign languages which we can furnish to health officers in limited quantities for distribution among those requiring them, and who do not read and understand English. These are printed in French, German, Hungarian, Italian, Polish, Slavonian, Swedish, Russian and Yiddish.

## INFANTILE PARALYSIS.

Several weeks ago we sent out to health officers reporting infantile paralysis blanks for the purpose of securing a complete report of all cases that have occurred in the State during the past summer and fall. In all there have been 166 cases reported, while so far only 58 of these completed blanks have been returned. We would like to get a very much larger percentage of returns and wish that the health officers who have had infantile paralysis in their towns would urge physicians who have reported cases to make the returns. Physicians who have attended cases and have not received the blanks can obtain the same from their health officer or directly from this office. In addition to the questions asked we should be glad to receive any observations or opinions regarding dust or insects, particularly fleas, as possible factors in the conveyance of the disease. We wish to tabulate all data received and publish in our annual report which will soon be printed, but for this to be of value we must have the coöperation of the physicians and health officers.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, December 15, 1910.

\* One delayed certificate for June, one for September, and fifteen for October have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	59	31	45	0	Partly Cloudy	57	29.80	30.39
2	60	39	50	.31	Cloudy	42	29.44	
3	53	40	46	1.01	Cloudy	0		
4	46	41	44	1.70	Cloudy	0		
5	55	42	48	T	Partly Cloudy	48		
6	50	38	44	0	Partly Cloudy	54		
7	44	31	38	0	Partly Cloudy	56		
8	36	29	32	.04	Cloudy	0		
9	45	28	36	T	Cloudy	36		
10	60	41	50	.01	Cloudy	38		
11	52	33	42	T	Cloudy	30		
12	40	30	35	T	Cloudy	37		
13	40	28	34	T	Cloudy	15		
14	43	31	37	0	Partly Cloudy	55		
15	40	33	36	.01	Cloudy	10		
16	40	33	36	0	Cloudy	44		
17	40	34	37	0	Partly Cloudy	56		
18	44	33	38	0	Partly Cloudy	70		
19	40	27	34	T	Partly Cloudy	72		
20	39	22	30	0	Clear	100		
21	46	22	34	T	Partly Cloudy	41		
22	44	36	40	.10	Cloudy	15		
23	47	36	42	0	Partly Cloudy	67		
24	52	39	46	T	Partly Cloudy	75		
25	42	34	38	.27	Cloudy	0		
26	42	34	38	0	Partly Cloudy	44		
27	44	32	38	0	Clear	88		
28	41	30	36	.12	Cloudy	21		
29	37	32	34	.74	Cloudy	00		
30	38	33	36	.05	Cloudy	0		
Mean	45.3	33.1	39.2	4.36		39		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.80; highest 30.39; date 1
Lowest	29.44; date 30

TEMPERATURE.	
Highest	60°; date 2; lowest 22°; date 21
Greatest daily range	28°; date 1
Least daily range	5°; date 29

MEAN FOR THIS MONTH IN	
1904-37°	1905-40°
1906-41°	1907-42°
1908-41°	1909-45°
1910-39°	
Normal for this month	40
Absolute maximum for this month for 7 years	74-09
Absolute minimum for this month for 7 years	14-04-05
Average daily deficiency (—) of this month as compared with the normal	0.3°
Accumulated excess (+) since January 1	713.4°
Average daily excess (+) since January 1	2.1°

PRECIPITATION.	
Total this month	4.36
Snowfall	3.3
Greatest precipitation in 24 hours 1.83, date	3-4
Snow on the ground at end of month	Trace

TOTAL PRECIPITATION THIS MONTH IN	
1904-1.52	1905-1.77
1906-2.90	1907-4.74
1908-0.92	1909-2.01
1910-4.36	
Normal for this month	3.82
Excess (+) of this month as compared with the normal	0.54
Accumulated deficiency (—) since January 1	5.89

WIND.	
Prevailing direction	NW
Total movement	5,363 miles
Average hourly velocity	7.6
Maximum velocity (for five minutes) 31 miles per hour, from NW on 16th.	

WEATHER.	
Number of days, clear	2
Partly cloudy	12
Cloudy	16
On which .01 inch, or more, of precipitation occurred	11

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	1
Halos, lunar	15
Hail	None
Sleet	None
Fog	None
Thunderstorms	None
Mean relative humidity	75.8 per cent.
*Frosts: light	—; heavy —; killing —.

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1910



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1910, and a Statement of the Births and Marriages for the Month of November, 1910.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births in Nov.	Still Births in Nov.	Marriages in Nov.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	15,152	40	1	19	10	15.0	4	4	42.1	---	---	4	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Branford.	6,047	12	---	---	5	9.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bridgeport.	102,054	225	15	102	129	14.4	27	10	28.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Bristol.	13,502	37	1	13	11	9.7	1	1	9.0	---	---	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Danbury.	23,502	44	---	---	33	46	22.4	8	1	19.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Derby.	8,091	18	3	22	20	14.6	3	3	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
East Hartford.	8,138	12	1	8	7	10.3	2	---	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Enfield.	9,719	30	1	17	17	20.9	4	1	29.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Fairfield.	6,134	11	---	---	2	3.9	2	---	100.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Greenwich.	16,463	10	---	32	27	19.6	6	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Groton.	6,495	10	---	8	10	18.4	1	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hamden.	5,850	15	---	101	7	14.3	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Hartford.	98,915	192	14	101	164	15.0	24	---	19.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Huntington.	6,545	13	2	5	7	7.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly.	6,504	10	---	7	15	27.6	2	---	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester.	13,641	18	1	9	11	9.6	2	1	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden.	32,066	69	---	28	40	12.7	8	2	17.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown.	20,749	31	1	21	52	17.9	5	2	19.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck.	12,722	28	---	15	13	12.2	2	2	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain.	43,916	112	3	51	49	13.1	15	6	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven.	133,605	271	17	120	196	16.8	33	4	18.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New London.	19,659	35	1	24	31	17.7	4	1	16.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford.	5,070	13	---	5	9	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk.	24,211	45	1	25	34	16.3	7	1	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich.	28,219	40	---	24	38	16.1	5	2	18.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange.	11,272	24	1	6	11	11.7	3	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield.	6,719	14	1	7	10	17.8	1	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plymouth.	5,021	11	---	5	6	14.3	4	---	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam.	7,286	18	---	4	14	23.0	3	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington.	5,233	10	---	3	12	22.0	2	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stafford.	28,890	75	3	50	50	19.9	3	4	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford.	9,151	20	---	10	3	3.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington.	5,712	9	2	2	5	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stratford.	16,849	40	---	19	15	10.6	3	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington.	9,087	18	---	11	6	7.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon.	11,155	29	---	8	12	12.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford.	73,141	202	14	81	118	18.2	23	15	32.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury.	8,679	12	---	7	15	17.9	1	---	6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windsor.	12,604	24	1	9	16	14.6	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham.	12,604	24	1	9	16	14.6	1	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 40 above towns.	885,118	1869	85	921	1264	17.1	216	73	22.8	---	6	12	16	1	23	16	1	14	---	2	12	4	106	107	34	112	146	74	488		
125 towns of less than 5,000 inhabitants	226,580	340	9	131	302	15.9	40	9	16.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 165 towns.	1,111,698	2209	94	1052	1566	16.8	256	82	21.5	---	7	12	21	1	25	17	2	15	---	2	14	5	125	242	48	145	180	83	622		
Population of towns not reporting.	3,058	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 7; in Derby, 6; in Greenwich, 6; in Hartford, 64; in Huntington, 3; in Meriden, 13; in Middletown, 32; in New Britain, 9; in New Haven, 59; in New London, 5; in Norwich, 3; in Norwalk, 3; in Norwalk, 3; in Stamford, 23; in Winchester, 5; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Andover, Ashford, Barkhamsted, Beacon Falls, Bethlehem, Bridgegewater, Chaplin, Clinton, Colebrook, Columbia, Coventry, East Granby, Goshen, Hebron, Ledyard, Lisbon, Lyme, Marlborough, Morris, New Fairfield, Old Lyme, Oxford, Rocky Hill, Roxbury, Scotland, Tolland, Voluntown, Warren, Wilton, Wolcott.—Total, 30.

The Registrars of the following towns have made no report for December: Brooklyn Union, and Woodbridge.—Total, 3.

# REMARKS.

By mortality reports received there were 1,566 deaths during the month of December. This was 314 more than in November and 101 more than in December of last year, and 169 more than the average number of deaths during December for the five years preceding.

	1910	1909	1908	1907	1906	1905
January,	1,495	1,366	1,557	1,696	1,340	1,412
February,	1,421	1,313	1,515	1,519	1,235	1,368
March,	1,032	1,272	1,456	1,572	1,489	1,577
Total first quarter,	4,551	4,251	4,528	4,787	4,064	4,357
April,	1,509	1,501	1,330	1,420	1,430	1,329
May,	1,417	1,330	1,204	1,329	1,404	1,199
June,	1,266	1,216	1,146	1,225	1,248	1,289
Total second quarter,	4,192	4,047	3,680	3,974	4,082	3,817
July,	1,735	1,412	1,496	1,518	1,537	1,650
August,	*1,426	1,492	1,410	1,761	1,650	1,417
September,	1,387	1,292	1,249	1,408	1,342	1,196
Total third quarter,	4,548	4,196	4,146	4,687	4,529	4,263
October,	1,380	1,236	1,215	1,334	1,286	1,166
November,	*1,252	1,265	1,144	1,241	1,296	1,257
December,	1,566	1,465	1,280	1,442	1,481	1,318
Total fourth quarter,	4,198	3,966	3,639	4,017	4,063	3,741
Total for year,	17,489	16,460	15,993	17,465	16,738	16,178

The death rate was 17.1 for the large towns, for the small towns 15.9, and for the whole State 16.8.

The deaths reported from infectious diseases were 224, being 14.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bethlehem, 5; Branford, 2; Bridgeport, 3; Darien, 4; East Haddam, 1; East Windsor, 6; Fairfield, 1; Greenwich, 6; Griswold, 6; Hartford, 2; Jewett City (borough), "epidemic"; Lisbon, 1; Manchester, 2; Middlebury, 3; Middletown (city), 8; Milford, 1; Morris, 1; New Britain, 1; New Canaan, 4; New Haven (city), 2; New Milford, 2; North Haven, 2; Norwich (city), 4; Norwich (town), 6; Plymouth, 1; Saybrook, 1; Southbury, 1; Stafford, 1; Stamford (city), 46; Stamford (town), 5; Stonington, 1; Thomaston, 1; Waterbury, 170; Watertown, 6; West Haven (borough), 1.—Total, 307+ in 35 towns.

**Scarlet Fever.**—Ansonia, 15; Bridgeport, 6; Bristol, 1; Burlington, 1; Canton, 2; Chatham, 10; Chester, 1; Danbury (city), 2; Darien, 2; East Hartford, 4; East Haven, 1; Enfield, 1; Farmington, 2; Glastonbury, 2; Greenwich, 7; Hamden, 1; Hartford, 49; Manchester, 9; Middletown (city), 1; Milford, 1; Naugatuck (borough), 12; New Britain, 2; New Hartford, 1; New Haven (city), 18; Norfolk, 3; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 2; Norwich (town), 3; Old Saybrook, 1; Plainfield, 7; Plainville, 2; Portland, 2; Seymour, 1; Simsbury, 5; South Norwalk (city), 2; Sprague, 2; Stamford (city), 2; Stamford (town), 2; Sterling, 3; Stonington (town), 14; Stonington (borough), 1; Thomaston, 1; Torrington (borough), 1; Waterbury, 26; Westbrook, 3; West Hartford, 1; Wethersfield, 2; Willimantic (city), 4; Windsor, 3; Windsor Locks, 2.—Total, 250 in 51 towns.

**Infantile Paralysis.**—Putnam, 1; West Haven (borough), 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 1; Bloomfield, 3; Branford, 1; Bridgeport, 11; Bristol, 1; Colchester, 1; Danbury (city), 1; Derby (city), 3; East Granby, 3; East Hartford, 4; East Windsor, 3; Ellington, 1; Enfield, 5; Fairfield, 1; Farmington, 1; Greenwich, 2; Hartford, 77; Manchester, 3; Meriden (city), 8; Milford, 5; New Britain, 14; New Canaan, 1; New Haven (city), 19; New London (city), 1; Norwalk, 4; Norwich (city), 1; Plainfield, 1; Redding, 2; Rockville (city), 3; Sharon, 1; Shelton (borough), 7; Simsbury, 2; Southington, 1; Stonington (town), 2; Stonington (borough), 1; Suffield, 1; Thompson, 1; Torrington (borough), 1; Waterbury, 5; Watertown, 2; West Hartford, 1; West Haven (borough), 1; Wethersfield, 1; Willimantic (city), 1; Windsor, 1.—Total, 241 in 46 towns.

**Whooping Cough.**—Bozrah, 13+; Bridgeport, 7; Bristol, 6+; Canton, 1; Hartford, 2; Meriden (city), 3; Naugatuck (borough), 1; North Canaan, 15; North Stonington, 1; Norwalk (city), 5; Oxford, 9; Plymouth, 15+; Rockville (city), 2; Simsbury, 10+; South Windsor, 4; Stamford (city), 1; Stamford (town), 5; Stonington, 20; Waterbury, 29; Woodbury, 8.—Total, 160+ in 21 towns.

**Typhoid Fever.**—Chatham, 1; East Granby, 1; East Hartford, 1; East Lyme, 1; Greenwich, 1; Hamden, 2; Hartford, 17; Jewett City (borough), 1; Litchfield, 1; New Britain, 7; New Canaan, 1; New Haven (city), 9; Old Lyme, 1; Plymouth, 1; Portland, 1; Rockville (city), 1; Stamford (city), 3; Waterbury, 3; West Haven (borough), 2; Willimantic (city), 2; Windsor, 1.—Total, 58 in 21 towns.

**Consumption.**—Ansonia, 2; Bethany, 1; Branford, 1; Bridgeport, 39; Canton, 1; Derby (city), 1; East Hartford, 1; Greenwich, 1; Groton (borough), 1; Hartford, 8; Killingly, 1; Lebanon, 1; Manchester, 2; Mansfield, 2; Meriden (city), 5; Meriden (town), 1; Middletown, 4; Milford, 1; Naugatuck (borough), 1; New Britain, 4; New Haven (city),

30; New London (city), 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Plainfield, 1; Preston, 2; Rockville (city), 1; Southington, 2; South Norwalk (city), 3; Sprague, 2; Sterling, 1; Stonington (borough), 1; Thomaston, 1; Thompson, 2; Wallingford, 1; Waterbury, 17; Waterford, 2; West Hartford, 1; West Haven (borough), 2; Westport, 1; Willimantic (city), 4.—Total, 159 in 43 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Beacon Falls, Bethel, Bolton, Bridgewater, Brookfield, Brooklyn, Canaan, Canterbury, Chaplin, Cheshire, Clinton, Colebrook, Columbia, Cornwall, Coventry, Danbury, Danielson (borough), Easton, Essex, Franklin, Goshen, Groton, Guilford, Hampton, Hartland, Harwinton, Hebron, Huntington, Kent, Killingworth, Ledyard, Madison, Marlborough, Middlefield, Monroe, Montville, New Fairfield, Newington, Newtown, North Branford, Orange, Pomfret, Prospect, Ridgefield (town and borough), Rocky Hill, Roxbury, Salem, Salisbury, Scotland, Sherman, Somers, Stafford Springs (borough), Stratford, Tolland, Torrington, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Weston, Willington, Winchester, Windham, Winsted (borough), Wolcott, Woodbridge, Woodstock.—Total, 73.

All the Health Officers of New Haven, Fairfield, Litchfield, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Avon, Granby.

NEW LONDON Co.—Lyme.

WINDHAM Co.—Eastford.

MIDDLESEX Co.—Cromwell, Durham, Haddam.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Sprague, 1.  
Diphtheria and Croup.—East Windsor, 1; Milford, 1.  
Whooping Cough.—Hampton, 1.  
Typhoid Fever.—Windsor Locks, 1.  
Consumption.—Bethel, 1; Cheshire, 1; Cromwell, 1; Glastonbury, 1; Griswold, 1; Madison, 1; Mansfield, 1; Milford, 1; Monroe, 1; New Hartford, 1; Newington, 1; Newtown, 1; Old Saybrook, 1; Preston, 1; Salisbury, 2; Somers, 1; Sprague, 1; Waterford, 1.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis	24	73	2
release	58	473	20
Tuberculosis	29	98	127
Typhoid Fever	14	29	4
Rabies	1	..	1
Malaria	..	6	..
Total specimens examined	..	..	831
Samples of milk analyzed	..	..	212
" " water, sewage and sewage effluents examined	..	..	48
" " illuminating oil tested	..	..	5

## VITAL STATISTICS FOR 1910.

With the possible exception of a few delayed certificates, the vital statistic returns for the year 1910 have all been received at this office, so that we can give some information in advance of the annual compilation, regarding the births, marriages and deaths that have occurred in the state during the past year, also the mortality from some of the more important infectious diseases.

The total deaths numbered 17,487, which equals a death rate of 15.7 per 1,000 of population, as compared with a death rate of 15.6 in 1909.

The births were 26,681, which is a slight increase over the number, 26,431, reported last year. The marriages show the greatest increase and amounted to 9,986, or about seven hundred more than were reported during the previous year.

Regarding deaths from special causes, there were 1,443 deaths from tuberculosis, and although this was twelve more than during the preceding year, it gives a death rate of 13 per 10,000 of population as compared with 13.4 in 1909 and is the lowest yet recorded.

Pneumonia with 1,861 deaths not only has the distinction of causing more deaths than any other single disease, but this number is a large increase over those reported last year, which was 1,537. Typhoid fever and measles show a slightly decreased death rate, while in scarlet fever, diphtheria and whooping cough there is a slight increase in the rate.

The United States Census Bureau has recently sent to every physician in the state a Pocket Reference to the International List of Causes of Death. If physicians will carefully read this little book and make out their certificates in accordance with the instructions there given, the accuracy and value of our statistics will be very much increased. If there are any physicians who have failed to receive a copy of this list, they can secure the same through this office.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, January 16, 1911.

\* One delayed certificate for August and three for November have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1910.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	30.04; highest	30.77; date 31
1	38	30	34	T	Cloudy	T.	Lowest	29.41; date 20	
2	31	24	28	0	Clear	0.0	TEMPERATURE.		
3	34	24	29	0	Partly Cloudy	0.0	Highest	50°; date 24; lowest	3°; date 16
4	35	22	28	0	Cloudy	0.0	Greatest daily range	38°; date 30	
5	31	18	24	0	Cloudy	0.0	Least daily range	6°; date 6	
6	20	14	17	.44	Cloudy	4.7	MEAN FOR THIS MONTH IN		
7	29	16	22	.03	Clear	0.5	1904.23° 1905.34° 1906.27° 1907.34° 1908.32° 1909.28° 1910.25°		
8	34	16	25	0	Clear	0.0	Normal for this month	30	
9	26	14	20	0	Clear	0.0	Absolute maximum for this month for 7 years	65°08	
10	23	4	14	0	Partly Cloudy	0.0	Absolute minimum for this month for 7 years	zero°04	
11	18	10	14	T	Cloudy	T.	Average daily deficiency (—) of this month as compared with the normal	4.6°	
12	29	12	20	T	Cloudy	T.	Accumulated excess (+) since January 1	570.8°	
13	30	13	22	0	Clear	0.0	Average daily excess (+) since January 1	1.6°	
14	35	22	28	0	Cloudy	0.0	PRECIPITATION.		
15	36	12	24	.02	Cloudy	0.2	Total this month	1.93	
16	16	3	10	0	Clear	0.0	Snowfall	5.9	
17	26	4	15	0	Partly Cloudy	0.0	Greatest precipitation in 24 hours	1.03, date	24
18	38	18	28	0	Partly Cloudy	0.0	Snow on the ground at end of month	0	
19	44	30	37	.19	Cloudy	0.0	TOTAL PRECIPITATION THIS MONTH IN		
20	36	27	32	.02	Cloudy	0.2	1904.3.09 1905.3.47 1906.3.83 1907.4.70 1908.3.36 1909.2.83 1910.1.93		
21	28	12	20	T	Partly Cloudy	T.	Normal for this month	3.57	
22	28	10	19	0	Clear	0.0	Deficiency (—) of this month as compared with the normal	1.64	
23	39	13	26	T	Cloudy	T.	Accumulated deficiency (—) since January 1	7.53	
24	50	32	41	1.03	Cloudy	0.0	WIND.		
25	32	20	26	0	Clear	0.0	Prevailing direction	NW	
26	28	16	22	.03	Cloudy	0.3	Total movement	5,979 miles	
27	40	28	34	0	Partly Cloudy	0.0	Average hourly velocity	8.0	
28	42	27	34	.05	Cloudy	T.	Maximum velocity (for five minutes) 34 miles per hour, from NW on 30th.		
29	48	37	42	0	Cloudy	0.0	WEATHER.		
30	49	11	30	.12	Cloudy	0.0	Number of days, clear	9	
31	24	5	14	0	Clear	0.0	Partly cloudy	6	
Mean	32.8	17.5	25.2	1.93			Cloudy	16	
							On which .01 inch, or more, of precipitation occurred	9	
							MISCELLANEOUS PHENOMENA (dates of).		
							Auroras	None	
							Halos, solar	None	
							Halos, lunar	14	
							Hail	None	
							Sleet	None 23	
							Fog	None	
							Thunderstorms	None	
							Monthly percentage of sunshine	42 per cent.	
							Mean monthly relative humidity	69.7 per cent.	
							*Frosts: light		
							heavy		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1911, and a Statement of the Births and Marriages for the Month of December, 1910.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births in Dec.	Still Births in Dec.	Marriages in Dec.	Total Deaths.	Deaths under 1 year.	Percentage of Deaths under 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, -----	15,151	47	1	2	16	12.6	7	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	2	1	3	1	2	2	5
Branford, -----	6,047	11	---	---	18	11.9	25	9	22.9	---	---	---	---	---	---	---	---	---	---	2	12	21	7	10	14	5	13	9
Bridgeport, -----	102,054	277	17	68	148	16.6	25	9	22.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
Bristol, -----	13,502	29	1	7	25	22.2	6	4	29.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13
Danbury, -----	23,502	35	1	10	34	16.3	6	4	29.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13
Derby, -----	8,901	19	5	5	25	28.0	5	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
East Hartford, -----	8,138	11	3	3	10	14.7	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
East Windsor, -----	9,719	21	3	12	15	18.5	1	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Enfield, -----	6,134	14	---	---	3	5.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13	
Fairfield, -----	16,463	26	1	15	27	19.6	4	1	18.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Greenwich, -----	6,495	8	---	---	1	7	12.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Groton, -----	8,850	17	---	---	2	3	6.1	---	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden, -----	58,500	17	---	---	2	3	6.1	---	66.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hartford, -----	98,915	212	6	56	179	16.4	21	8	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14	
Huntington, -----	6,545	11	1	4	20	25.6	2	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Killingly, -----	6,504	15	3	3	9	16.4	3	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Manchester, -----	13,611	25	1	10	12	10.5	4	1	41.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Meriden, -----	32,066	51	5	14	61	16.4	3	4	10.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Middletown, -----	29,749	38	---	11	63	19.0	8	1	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Middleton, -----	12,722	27	---	---	---	---	---	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
New Britain, -----	43,916	108	5	29	70	19.1	15	8	32.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12	
New York, -----	133,605	284	20	89	219	18.5	27	16	19.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
New Haven, -----	109,959	34	2	14	26	14.6	4	---	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
New Milford, -----	5,910	7	---	---	2	8	19.1	2	1	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Norwalk, -----	24,211	35	2	11	40	10.8	2	1	7.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11	
Norwich, -----	28,219	48	3	12	58	23.3	7	6	22.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	
Orange, -----	11,272	22	1	5	9	9.5	1	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15	
Plainfield, -----	6,719	6	---	---	2	13	23.2	2	1	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Plymouth, -----	5,921	14	1	3	8	19.1	4	1	62.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Putnam, -----	7,280	11	1	6	4	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Southington, -----	6,516	12	1	1	1	1.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stafford, -----	5,233	11	---	---	3	6	13.6	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stamford, -----	28,836	74	4	30	49	20.3	8	4	24.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Stonington, -----	9,154	14	1	8	8	10.4	1	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Stratford, -----	5,712	6	---	---	4	8.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Torrington, -----	16,840	45	1	6	18	12.8	6	1	38.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Vernon, -----	9,087	12	---	---	2	10.5	3	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Wallingford, -----	11,155	30	---	7	16	17.2	1	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Waterbury, -----	73,141	204	12	29	122	19.5	29	21	20.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Winchester, -----	8,679	12	1	5	15	19.3	2	2	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17	13.3	2	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Windham, -----	12,004	23	2	4	17</																							

The mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 5; in Derby, 4; in Greenwich, 6; in Hartford, 78; in Huntington, 7; in Meriden, 28; in Middletown, 36; in New Britain, 6; in New Haven, 58; in New London, 4; in Norwalk, 5; in Norwich, 14; in Stamford, 3; in Waterbury, 17; in Winchester, 4; and in Windham, 7. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Avon, Barkhamsted, Bethelham, Canaan, Chaplin, Clinton, Colebrook, Columbia, Easton, Franklin, Hampton, Harwinton, Hebron, Killingworth, Lisbon, Lyme, New Fairfield, Old Lyme, Somers, Sterling, Torrville, Trumbull, Union, Wolcott.—Total, 24.

The Registrars of the following towns have made no report for January: Brooklyn, Hartland, Ledyard, Madison and Morris.—Total, 5.

# REMARKS.

By mortality reports received there were 1,737 deaths during the month of January. This was 161 more than in December and 229 more than in January of last year, and 246 more than the average number of deaths during January for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,737	1,498	1,366	1,557	1,696	1,340

The death rate was 18.8 for the large towns, for the small towns 18.5, and for the whole State 18.6.

The deaths reported from infectious diseases were 296, being 17.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Barkhamsted, 1; Beacon Falls, 4; Bethlehem, 2; Branford, 6; Bridgeport, 3; Bristol, 1; Canton, 1; Cheshire, 3; Cornwall, 2; Darien, 25; Ellington, 1; Goshen, 2; Greenwich, 17; Griswold, 11; Hamden, 1; Hartford, 2; Jewett City (borough), 30; Mansfield, 2; Meriden (city), 29; Middlebury, 13; Montville, 4; Morris, 5; Naugatuck (borough), 6; New Britain, 2; New Canaan, 1; "epidemic"; New Haven, 5; New Milford, 3; North Canaan, 1; Norwalk, 30; Norwich (city), 2; Orange, 1; Oxford, 2; Plainville, 2; Plymouth, 2; Rockville (city), 6; Roxbury, 12; Saybrook, 2; Shelton (borough), 3; Southbury, 3; Southington, 5; South Norwalk (city), 1; Stamford (city), 61; Stonington (borough), 1; Suffield, 1; Thomaston, 3; Torrington (borough), 15; Wallingford (borough), 2; Wallingford (town), 32; Waterbury, 226; Watertown, 38; West Haven (borough), 3; Willimantic (city), 34; Wolcott, 2; Woodbury, 1; "several."—Total, 661+ in 53 towns.

**Scarlet Fever.**—Ansonia, 3; Berlin, "several cases"; Branford, 2; Bridgeport, 5; Brooklyn, 1; Canton, 3; Chatham, 4; Chester, 2; Colchester, 1; Danbury (city), 11; Derby, 1; Fairfield, 2; Glastonbury, 1; Greenwich, 13; Haddam, 3; Hamden, 8; Hartford, 57; Jewett City (borough), 3; Manchester, 15; Middletown (city), 9; Naugatuck (borough), 7; New Britain, 1; New Haven, 6; New London, 4; New Milford, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 3; Old Saybrook, 1; Oxford, 1; Plainfield, 1; Portland, 2; Putnam, 1; Salisbury, 6; Simsbury, 3; Southington, 2; South Norwalk (city), 3; South Windsor, 4; Stamford (city), 6; Stamford (town), 1; Stonington (borough), 1; Stonington (town), 3; Torrington (borough), 3; Wallingford, 1; Waterbury, 31; Watertown, 1; West Hartford, 8; West Haven (borough), 12; Westport, 2; Wethersfield, 1; Willimantic (city), 3; Windsor Locks, 8.—Total, 333+ in 49 towns.

**Cerebro-Spinal Fever.**—Canterbury, 1; New Canaan, 1; North Canaan, 1; Windsor, 1.—Total, 4 in 4 towns.

**Infantile Paralysis.**—New Haven, 1; Monroe, 1; Portland, 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Beacon Falls, 1; Branford, 1; Bridgeport, 9; Danbury (city), 1; Derby, 1; East Haddam, 3; East Hartford, 1; East Lyme, 1; East Windsor, 10; Enfield, 5; Farmington, 1; Glastonbury, 1; Greenwich, 2; Griswold, 2; Groton, 1; Guilford, 1; Hamden, 1; Hartford, 41; Huntington, 2; Lisbon, 2; Manchester, 26; Marlborough, 1; Meriden (city), 2; Middletown (city), 1; Milford, 1; New Britain, 7; New Canaan, 2; New Haven, 49; New Milford, 4; Norwalk (city), 1; Norwich (city), 4; Plainfield, 1; Plymouth, 2; Portland, 4; Putnam, 1; Rockville (city), 1; Sharon, 2; Stamford (city), 4; Suffield, 1; Thompson, 2; Torrington (borough), 2; Torrington (town), 1; Waterbury, 18; Watertown, 2; Wethersfield, 4; Willimantic (city), 5.—Total, 236 in 45 towns.

**Whooping Cough.**—Beacon Falls, 4; Bridgeport, 1; Bridgewater, 1; Bristol, 6; Darien, 4; Hartford, 1; Jewett City (borough), 1; Kent, 6; Ledyard, 2; Meriden (city), 6; Milford, 4; Naugatuck (borough), 1; New Britain, 2; New Canaan, 6; New London, 10; North Stonington, 7; Norwalk (city), 5; Plymouth, 15; Seymour, 1; Shelton (borough), 5; Stamford (city), 2; Suffield, 1; Wallingford, 1; Waterbury, 18; Watertown, "number of cases"; Wethersfield, 2; Windsor Locks, 5; Woodbury, "epidemic."—Total, 117 in 28 towns.

**Typhoid Fever.**—Bridgeport, 2; East Lyme, 2; Enfield, 3; Granby, 1; Hartford, 4; Middletown (city), 2; New Britain, 1; New Canaan, 1; New Haven, 9; New London, 2; Stamford (city), 1; Wallingford, 1; Waterbury, 4; Willimantic (city), 4.—Total, 37 in 14 towns.

**Consumption.**—Ansonia, 2; Branford, 1; Bridgeport, 18; Bristol, 1; Canaan, 1; Canterbury, 1; Canton, 1; Derby, 1; Essex, 1; Fairfield, 2; Hartford, 16; Mansfield, 2; Meriden (city), 7; Middlebury, 1; Middletown (city), 2; Naugatuck (borough), 1; New Britain, 9; New Canaan, 1; New Haven, 21; New London, 2; Norwalk (city), 1; Old Lyme, 1; Plainfield, 1; Plymouth, 1; Portland, 1; Putnam, 1; Roxbury, 1; Salisbury, 4; Sharon, 1; Shelton (borough), 1; South Norwalk (city), 3; South Windsor, 1; Stamford (city), 3; Thomaston, 1; Torrington (borough), 3; Wallingford, 4; Waterbury, 17; Willimantic (city), 1; Windsor (borough), 1.—Total, 136 in 39 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Avon, Bethany, Bethel, Bloomfield, Bolton, Bozrah, Brookfield, Burlington, Chaplin, Clinton, Colebrook, Columbia, Danbury, Danielson (borough), Durham, Eastford, East Granby, East Haven, Easton, Franklin, Hampton, Hartland, Harwinton, Hebron, Killingly, Killingworth, Lebanon, Litchfield, Lyme, Madison, Meriden, New Fairfield, New Hartford, Newington, Newtown, Norfolk, North

Branford, North Haven, Pomfret, Preston, Prospect, Redding, Ridgefield (town), Ridgefield (borough), Rocky Hill, Salem, Scotland, Sherman, Somers, Sprague, Stafford, Stafford Springs (borough), Sterling, Stratford, Tolland, Trumbull, Union, Vernon, Voluntown, Warren, Washington, Waterford, Westbrook, Weston, Willington, Wilton, Winchester, Woodbridge.—Total, 68.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, and Litchfield Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Groton (borough), Norwich.

MIDDLESEX Co.—Cromwell, Middlefield, Middletown.

TOLLAND Co.—Coventry.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Griswold, 1.

**Scarlet Fever.**—Griswold, 4; Windsor Locks, 7.

**Diphtheria and Croup.**—East Windsor, 1; Portland, 1; Sharon, 1.

**Whooping Cough.**—North Canaan, 1.

**Typhoid Fever.**—Southbury, 1.

**Consumption.**—Bloomfield, 1; Bolton, 1; Colchester, 1; East Haven, 1; East Windsor, 1; Lebanon, 1; Litchfield, 1; Mansfield, 1; Newington, 1; Preston, 1; Salisbury, 1; Sharon, 2; Thompson, 1; Waterford, 1; Westport, 1; Wethersfield, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis .....	35	77	7
release .....	29	53	2
Tuberculosis .....	40	104	144
Typhoid Fever .....	8	41	51
Rabies .....	4	..	4
Malaria .....	..	2	2
Trichinosis .....	..	1	1
Typhoid Bacillus Carriers .....	..	2	2
Total specimens examined .....	409		
Samples of milk analyzed .....	300		
" water, sewage and sewage effluents .....			
examined .....	48		
" illuminating oil tested .....	5		

## THE COMMON DRINKING CUP.

Several States by statutory enactment or by regulation of their State Boards of Health have prohibited the use of the common drinking cup. Kansas was the pioneer in the movement and since the first day of September, 1909, the common drinking cup has been banished from all trains, depots and schools in the state of Kansas. Michigan, Oklahoma, Massachusetts, and some other states soon adopted similar legislation.

Whether the common drinking cup is capable of conveying infection other than that of syphilis is uncertain. There are no authoritative instances on record where tuberculosis has been conveyed in this manner, although the popular belief seems to be that it is so transmitted. It is, however, positively known that syphilis can be transmitted in this way, although there are not many cases that can be cited, but if the common drinking cup can be held responsible for such infection, its abolition is deserving of serious consideration.

It is becoming more and more the practice among people to avoid the use of the common drinking cup and to provide themselves when traveling with a collapsible cup of paraffine paper or metal, which may be carried in the pocket or hand bag. There are automatic slot machines manufactured by several commercial concerns from which travelers can procure a paraffine paper cup at the small cost of a penny each. With this apparatus installed on trains, steamboats, and in public buildings, the general public can have the opportunity of supplying themselves with a clean and sanitary method of drinking at a small cost.

Aside from the possibility of infection it is repulsive to most people to be compelled to use a cup that is promiscuously used by others. These should be banished from our public parks and schools. Where there is a supply of running water there are various styles of bubbling cups on the market which should be supplied. In the small country school with no public water supply each pupil can provide himself with his own cup.

The public drinking cup can not be held responsible for the ills caused by impure water supplies. The first step in order, is to give attention to the water supply, and next the drinking cup. With a supply of pure water and sanitary drinking vessels the public is fully protected from all danger, and many a man, woman or child, receive perhaps their first lesson in sanitation at a well cared for public drinking fountain.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, February 15, 1911.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	37	19	28	.32	Cloudy	0.0	30.14	30.68
2	52	36	44	.17	Cloudy	0.0	29.19	30.19
3	51	32	42	.90	Cloudy	0.0		
4	32	12	22	.04	Partly Cloudy	0.0		
5	26	10	18	0	Partly Cloudy	0.2		
6	30	15	22	0	Cloudy	0.0		
7	41	22	32	0	Partly Cloudy	0.0		
8	46	25	36	.17	Cloudy	0.0		
9	43	24	34	T	Cloudy	0.0		
10	39	24	32	0	Clear	T.		
11	43	31	37	T	Cloudy	0.0		
12	42	32	37	T	Cloudy	0.0		
13	35	31	33	.10	Cloudy	0.0		
14	38	33	36	.23	Cloudy	0.0		
15	39	20	30	T	Cloudy	0.0		
16	20	7	14	0	Clear	0.0		
17	20	8	14	0	Clear	0.0		
18	28	10	19	0	Clear	0.0		
19	39	13	26	0	Partly Cloudy	0.0		
20	40	29	34	0	Partly Cloudy	0.0		
21	42	33	38	.04	Cloudy	T.		
22	37	25	31	T	Cloudy	T.		
23	37	20	28	0	Partly Cloudy	0.0		
24	41	20	30	0	Clear	0.0		
25	44	30	37	0	Cloudy	0.0		
26	43	33	38	.07	Cloudy	0.0		
27	44	36	38	.48	Cloudy	0.0		
28	46	30	38	.16	Partly Cloudy	T.		
29	39	26	32	.09	Cloudy	0.3		
30	46	13	30	T	Partly Cloudy	T.		
31	24	9	16	0	Clear	0.0		
Mean	38.2	22.7	30.4	2.77				

ATMOSPHERIC PRESSURE.  
(Reduced to sea level; inches and hundredths.)  
Mean ..... 30.14; highest ..... 30.68; date 24  
Lowest ..... 29.19; ..... date 30

TEMPERATURE.  
Highest ..... 52°; date 2; lowest ..... 7°; date 16  
Greatest daily range ..... 33°; ..... date 30  
Least daily range ..... 4°; ..... date 13

MEAN FOR THIS MONTH IN  
1905-23° 1906-34° 1907-26° 1908-29° 1909-29° 1910-29° 1911-30°  
Normal for this month ..... 26°  
Absolute maximum for this month for 7 years ..... 62°-'07  
Absolute minimum for this month for 7 years ..... 9°-'07  
Average daily excess (+) of this month as compared with  
the normal ..... 4.9°  
Accumulated excess (+) since January 1 ..... 151.9°  
Average daily excess (+) since January 1 ..... 4.9°

PRECIPITATION.  
Total this month ..... 2.77  
Snowfall ..... 0.5  
Greatest precipitation in 24 hours 0.94, date ..... 3-4  
Snow on the ground at end of month ..... 0

TOTAL PRECIPITATION THIS MONTH IN  
1905-4.64 1906-2.69 1907-2.94 1908-3.47 1909-2.80 1910-6.68 1911-2.77  
Normal for this month ..... 3.83  
Deficiency (-) of this month as compared with the normal ..... 1.06  
Accumulated deficiency (-) since January 1 ..... 1.06

WIND.  
Prevailing direction ..... NW  
Total movement ..... 6,194 miles  
Average hourly velocity ..... 8.3  
Maximum velocity (for five minutes) 42 miles per hour,  
from NW on 28th.

WEATHER.  
Number of days, clear ..... 6  
Partly cloudy ..... 8  
Cloudy ..... 17  
On which .01 inch, or more, of precipitation occurred ..... 12

MISCELLANEOUS PHENOMENA (dates of).  
Auroras ..... None  
Halos, solar ..... None  
Halos, lunar ..... None  
Hail ..... None  
Sleet ..... None  
Fog ..... 3  
Thunderstorms ..... 3  
Monthly percentage of sunshine ..... 34 per cent.  
Mean monthly relative humidity ..... 69 per cent.  
\*Frosts: light ..... ; heavy ..... ; killing .....

NOTE.—"T" indicates trace of precipitation.  
\*Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,  
WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1911, and a Statement of the Births and Marriages for the Month of January, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,750.

TOWNS.	Census Population.	Living Births in Jan.	Still Births in Jan.	Marriages in Jan.	Total Deaths.	Representing Annual Death Rate	Deaths under 1 year.	Percentage of Deaths under 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Group.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia, .....	15,452	34	1	12	16	15.0	9	31.5	---	---	---	1	---	---	---	---	---	---	---	---	---	1	2	---	---	---	1
Branford, .....	6,047	7	1	8	5	9.9	1	20.0	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Bridgeport, .....	102,054	270	8	106	122	14.1	25	7	26.2	---	---	1	---	---	1	2	---	---	---	---	3	14	14	5	12	6	58
Bristol, .....	13,502	41	1	9	19	16.8	4	31.5	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Danbury, .....	23,502	40	2	15	29	14.8	2	6.9	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Derby, .....	8,991	17	2	20	18	20.0	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
East Hartford, .....	8,138	14	1	4	6	8.8	2	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Enfield, .....	9,719	36	2	11	15	18.5	4	1	10.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Fairfield, .....	6,134	7	1	6	11.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Greenwich, .....	16,403	26	2	17	23	16.7	4	17.3	---	---	---	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Groton, .....	5,850	7	5	7	12.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Hartford, .....	98,915	220	6	102	170	18.8	21	6	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Hartford, .....	98,915	220	6	102	170	18.8	21	6	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Killingbury, .....	6,544	14	3	17	22.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Manchester, .....	13,641	28	10	14	14.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Meriden, .....	32,068	59	3	44	15.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Middletown, .....	20,749	26	1	13	4.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Naugatuck, .....	42,746	129	3	37	47	12.8	16	2	38.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
New Britain, .....	13,665	312	12	100	101	16.6	33	12	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
New Haven, .....	15,019	34	4	19	32	18.3	3	1	6.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
New London, .....	21,211	33	4	13	25	12.3	3	2	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
New Milford, .....	28,219	52	2	23	43	17.8	3	1	9.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Norwich, .....	11,272	13	6	11	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Orange, .....	6,719	12	4	5	8.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Plymouth, .....	5,921	14	3	14	33.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Punam, .....	7,280	13	2	11	6	8.2	7	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Southington, .....	6,516	21	4	13	23.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Stafford, .....	5,233	10	1	7	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Stamford, .....	28,836	61	24	45	17.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Stonington, .....	9,154	18	4	15	10	13.1	2	1	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Storrs, .....	5,712	5	2	1	5	10.5	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Torrington, .....	16,840	27	1	7	8	5.7	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Vernon, .....	9,087	15	1	10	12	15.8	3	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Wallingford, .....	11,155	15	2	12	14	15.0	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Waterbury, .....	73,141	171	4	44	114	18.2	23	24	41.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Windsor, .....	8,679	20	5	12	16.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Windham, .....	12,604	23	3	7	30	25.5	5	4	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1
Total of the 40 above towns, .....	885,118	1891	72	719	1231	16.6	200	98	24.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
124 towns of less than 5,000 inhabitants	224,856	330	15	92	311	16.5	44	10	17.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 64 towns, .....	1,109,974	2221	87	811	1542	16.6	244	108	22.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting, .....	4,782	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 5; in Derby, 3; in Greenwich, 4; in Hartford, 68; in Huntington, 5; in Meriden, 6; in Middletown, 22; in New Britain, 3; in New Haven, 43; in New London, 31; in Norwich, 9; in Punam, 1; in Stamford, 4; in Wallingford, 2; in Waterbury, 23; in Winchester, 1; and in Windham, 5. Non-residents in these are deducted from the total mortality of the respective towns, estimating the death rates of those towns.

The following towns are reported as having no deaths: February, 1911, Andover, Babbalanza, Bridgewater, Canaan, Chaplin, Eastford, East Haddam, Easton, Franklin, Goshen, Hampton, Killingworth, Madison, Marlborough, Middlebury, Morris, New Fairfield, North Stonington, Roxbury, Salem, Sherman, Southbury, Union, Voluntown, Warren, Washington, Westbrook, Weston. Total, 29.

The Registrars of the following towns have made no report for February: Bolton, Cornwall, Ledyard, North Haven. Total, 4.

# REMARKS.

By mortality reports received there were 1,542 deaths during the month of February. This was 222 less than in January and 121 more than in February of last year, and 141 more than the average number of deaths during February for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	*1,764	1,498	1,366	1,557	1,696	1,340
February,	1,542	1,421	1,313	1,515	1,519	1,235

The death rate was 16.6 for the large towns, for the small towns 16.5 and for the whole State 16.6.

The deaths reported from infectious diseases were 271, being 17.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bethlehem, 2; Bridgeport, 3; Cheshire, 15; Cornwall, 14; Coventry, 1; Darien, 42; Derby, 1; East Hartford, 1; Ellington, 1; Enfield, 18; Franklin, 1; Greenwich, 24; Groton (borough), 1; Guilford, 1; Hartford, 2; Lebanon, 5; Madison, 1; Manchester, 2; Mansfield, 9; Meriden (city), 5; Middletown, 13; Middletown (city), 1; Morris, 2; Naugatuck, 28; New Canaan, "epidemic"; New Haven, 13; New London, 2; Norwalk, 20; Orange, 20; Prospect, 3; Rockville (city), 12; Roxbury, 1; Sharon, 1; Sherman, 1; Southbury, 10; Southington, 1; South Norwalk (city), 1; Stamford (city), 55; Stamford (town), 3; Suffield, 1; Thomaston, 9; Torrington (borough), 3; Wallingford, 3; Warren, 3; Washington, 51; Waterbury, 106; Watertown, 60; West Hartford, 1; West Haven (borough), 2; Willimantic (city), 724; Wilton, 3; Windham, 1; Windsor, 2; Woodbury, "epidemic"; Woodstock, 2.—Total, 747+ in 55 towns.

**Scarlet Fever.**—Avon, 2; Bridgeport, 2; Canterbury, 1; Canton, 1; Coventry, 1; Danbury (city), 4; Derby, 2; East Granby, 1; East Haddam, 3; East Hartford, 1; Ellington, 1; Farmington, 2; Greenwich, 11; Haddam, 4; Hamden, 3; Hartford, 75; Huntington, 2; Jewett City (borough), 2; Killingly, 1; Manchester, 10; Middlefield, 2; Middletown (city), 11; Middletown (town), 4; Naugatuck, 5; New Britain, 1; New Hartford, 2; New Haven, 74; New London, 1; Norwalk (city), 1; Old Lyme, 2; Oxford, 6; Plainfield, 1; Portland, 1; Rockville (city), 7; Salisbury, 12; Shelton (borough), 3; Simsbury, 1; South Norwalk (city), 1; Stamford (city), 3; Stamford (town), 3; Sterling, 1; Stonington (town), 3; Stonington (borough), 1; Stratford, 1; Suffield, 2; Thomaston, 4; Torrington (borough), 3; Vernon, 2; Wallingford, 2; Waterbury, 20; Waterford, 2; West Hartford, 1; West Haven (borough), 4; Willimantic (city), 6.—Total, 332 in 54 towns.

**Infantile Paralysis.**—New Haven, 1.

**Diphtheria and Croup.**—Ansonia, 1; Bridgeport, 7; Bristol, 1; Columbia, 1; Danbury (city), 2; Derby, 3; Durham, 1; East Hartford, 2; East Lyme, 3; Enfield, 4; Fairfield, 2; Franklin, 1; Glastonbury, 1; Granby, 1; Greenwich, 1; Hamden, 1; Hampton, 1; Hartford, 25; Hartland, 1; Manchester, 2; Mansfield, 1; Meriden (city), 2; Meriden (town), 1; Middletown (city), 6; Middletown (town), 1; Milford, 1; Naugatuck, 2; New Britain, 5; New Haven, 33; New Milford, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 2; Norwich (town), 2; Rockville (city), 1; Shelton (borough), 6; Stamford (city), 2; Stonington (borough), 1; Stratford, 1; Suffield, 1; Torrington (town), 1; Torrington (borough), 2; Voluntown, 1; Waterbury, 9; West Hartford, 1; West Haven (borough), 1; Westport, 3; Willimantic (city), 7.—Total, 157 in 43 towns.

**Whooping Cough.**—Beacon Falls, 1; Bridgeport, 2; Bristol, 3; Cheshire, 20; Cornwall, 1; Greenwich, 2; Hartford, 7; Kent, 8; New Britain, 14; New London, 54; North Stonington, 8; Norwalk (city), 10; Plainville, 2; Shelton (borough), 15; Stamford (city), 10; Suffield, 7; Voluntown, 3; Waterbury, 4; Waterford, "number of cases"; Wethersfield, 6; Willimantic (city), 6; Woodbury, "epidemic".—Total, 139+ in 22 towns.

**Typhoid Fever.**—Bridgeport, 2; East Lyme, 5; Enfield, 2; Hartford, 4; New Britain, 1; New Canaan, 1; New Haven, 2; Norwalk (city), 1; Putnam, 1; Wallingford, 1; Waterbury, 3; Waterford, 1; Woodstock, 1.—Total, 25 in 13 towns.

**Consumption.**—Ansonia, 2; Branford, 2; Bridgeport, 17; Bristol, 21; Coventry, 1; Danbury (city), 1; Derby, 1; East Haven, 1; Fairfield, 2; Glastonbury, 1; Greenwich, 1; Haddam, 2; Hartford, 10; Killingly, 1; Lisbon, 1; Lyme, 1; Meriden (city), 4; Meriden (town), 2; Middletown (city), 3; Middletown (town), 5; Milford, 1; Naugatuck, 2; New Britain, 6; New Haven, 28; New London, 2; Norwich (city), 1; Oxford, 1; Plainfield, 2; Plymouth, 1; Preston, 4; Shelton (borough), 1; Simsbury, 3; Southington, 1; South Norwalk (city), 3; Stamford (city), 2; Tolland, 1; Torrington (borough), 2; Wallingford, 4; Waterbury, 18; West Hartford, 1; Willimantic (city), 1; Woodstock, 1.—Total, 145 in 42 towns.

In addition to the above is a list of towns whose Health Officers report that they have not been notified of any infectious diseases:

Andover, Ashford, Barkhamsted, Berlin, Bethany, Bethel, Bloomfield, Bolton, Bozrah, Bridgewater, Brookfield, Brooklyn, Burlington,

\* Twenty-seven delayed certificates for January have been received since the publication of the last Bulletin.

Canaan, Chaplin, Chatham, Chester, Clinton, Colchester, Colebrook, Cromwell, Danbury, Danielson (borough), Eastford, Easton, East Windsor, Essex, Goshen, Griswold, Hartwinton, Hebron, Killingworth, Ledyard, Litchfield, Marlborough, Monroe, Montville, New Fairfield, Newington, Newtown, Norfolk, North Branford, North Canaan, North Haven, Old Saybrook, Pomfret, Redding, Ridgefield (town), Ridgefield (borough), Rocky Hill, Salem, Saybrook, Scotland, Seymour, Somers, South Windsor, Stafford, Stafford Springs (borough), Thompson, Union, Westbrook, Weston, Willington, Winchester, Windsor Locks, Winsted (borough), Wolcott, Woodbridge.—Total, 65.

All the Health Officers of Hartford, New Haven, Windham, Litchfield, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Groton, Sprague.

FAIRFIELD Co.—Trumbull.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Griswold, 1; Woodbury, 1.

**Scarlet Fever.**—Middlefield, 1.

**Diphtheria and Croup.**—Mansfield, 1; Westport, 1.

**Whooping Cough.**—Bloomfield, 1; Watertown, 1; Woodbury, 1.

**Consumption.**—Chester, 1; Farmington, 1; Glastonbury, 1; New Canaan, 1; Newington, 1; Oxford, 1; Portland, 1; Rocky Hill, 1; Salisbury, 2; Seymour, 1; South Windsor, 1; Sprague, 3; Suffield, 1; Watertown, 1; Windsor Locks, 1.—Total, 18.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	19	56	7	82
release .....	26	60	7	93
Tuberculosis .....	34	127	..	161
Typhoid Fever .....	6	21	1	28
Rabies .....	2	1	..	3
Malaria .....	..	3	..	3
Trichinosis .....	..	1	..	1
Total specimens examined .....				371
Samples of milk analyzed .....				262
“ “ water, sewage and sewage effluents examined .....				36
“ “ illuminating oil tested .....				3

## BIRTH CERTIFICATES.

Many of the birth certificates returned are incomplete through the omission of various items of information asked. Every item should be accurately stated. Children are often unnamed at the time the birth certificate should be returned, but physicians can often urge parents to decide upon a name when the importance of an accurate record is shown them. Some few physicians apparently make no attempt to secure the name of child and return about ninety per cent. of their certificates without it, while others appear to have no difficulty in this respect and are able to make complete returns. The sex should always be given as it cannot be inferred from the name. In case of twins or plural births, the fact is to be stated with a separate certificate for each birth, giving the number in order of delivery at birth. In illegitimate births this fact should always be stated, and such a child takes the name of the mother. The name of the father should be given in full, never the initials only. The mother's maiden name should be given instead of the married name. The exact place of birth of parents should be given if known. This item is frequently omitted. If the exact place in a foreign country is unknown, the country should be given. The number of child of mother and the number living is often omitted and should always be given. A Town Clerk or Registrar is not only required by law to record all birth certificates returned to him, but to "amend his records as he discovers errors or omissions therein." And when no certificates are returned should ascertain the facts upon the affidavit of the father or mother. The majority of our town clerks send us very complete returns of births, but in some few instances they seem to think their responsibility ends when they have copied a certificate sent to them, no matter how incomplete it may be. Town clerks should see that physicians and others make accurate and prompt returns, and if difficulties are encountered in this matter they can always be referred to the County Health Officer, who will see that the law is obeyed.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 15, 1911.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	
1	29	15	22	0	Clear	0.0	Mean	30.12; highest 30.63; date 16
2	25	16	20	.09	Cloudy	0.2	Lowest	29.63; date 24
3	25	10	18	.05	Partly Cloudy	0.5	TEMPERATURE.	
4	44	25	34	1.31	Cloudy	1.1	Highest	54°; date 26; lowest 1°; date 16
5	39	14	26	T.	Partly Cloudy	T.	Greatest daily range	36°; date 16
6	14	6	10	.21	Cloudy	2.6	Least daily range	7°; date 23
7	24	13	18	.20	Cloudy	2.9	MEAN FOR THIS MONTH IN	
8	27	17	22	.14	Cloudy	1.2	1905-21°	1906-28°
9	34	23	28	0	Cloudy	0.0	1907-20°	1908-24°
10	36	23	32	0	Partly Cloudy	0.0	1909-32°	1910-27°
11	36	23	30	T.	Clear	T.	1911-26°	
12	42	27	34	0	Cloudy	0.0	Normal for this month	27°
13	41	32	36	T.	Cloudy	T.	Absolute maximum for this month for 7 years	57°-10
14	32	19	26	.12	Cloudy	1.6	Absolute minimum for this month for 7 years	6°-08
15	22	10	16	.04	Partly Cloudy	0.4	Average daily deficiency (—) of this month as compared with the normal	1.1°
16	37	1	19	0	Clear	0.0	Accumulated excess (+) since January 1	124.2°
17	37	16	26	.14	Cloudy	0.0	Average daily excess (+) since January 1	2.1°
18	43	33	38	0	Partly Cloudy	0.0	PRECIPITATION.	
19	33	20	26	0	Partly Cloudy	0.0	Total this month	2.64
20	22	14	18	.34	Cloudy	4.1	Snowfall	14.6
21	23	11	17	0	Clear	0.0	Greatest precipitation in 24 hours 1.36, date	3-4
22	33	9	21	T.	Cloudy	T.	Snow on the ground at end of month	Trace
23	29	13	21	0	Clear	0.0	TOTAL PRECIPITATION THIS MONTH IN	
24	38	24	31	T.	Partly Cloudy	T.	1905-1.79	1906-2.30
25	51	26	38	0	Partly Cloudy	0.0	1907-2.48	1908-4.95
26	54	32	43	T.	Partly Cloudy	0.0	1909-5.47	1910-4.43
27	49	24	36	0	Clear	0.0	1911-2.64	
28	25	18	22	0	Clear	0.0	Normal for this month	3.55
29							Deficiency (—) of this month as compared with the normal	0.91
30							Accumulated deficiency (—) since January 1	1.97
31							WIND.	
Mean	33.7	18.5	26.1	2.64			Prevailing direction	NW.
							Total movement	5,625 miles
							Average hourly velocity	7.3
							Maximum velocity (for five minutes) 30 miles per hour, from NW on 2d,	
							WEATHER.	
							Number of days, clear	7
							Partly cloudy	9
							Cloudy	12
							On which .01 inch, or more, of precipitation occurred	10
							MISCELLANEOUS PHENOMENA (dates of).	
							Auroras	28
							Halos, solar	19
							Halos, lunar	None
							Hail	None
							Sleet	2, 17
							Fog	None
							Thunderstorms	4
							Monthly percentage of sunshine	45 per cent.
							Mean monthly relative humidity	68 per cent.
							*Frosts: light...; heavy...; killing.....	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1911, and a Statement of the Births and Marriages for the Month of February, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births in Feb.	Still Births in Feb.	Marriages in Feb.	Total Deaths.	Representing Annual Death Rate per 1000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia.....	15,152	36	1	12	19	12.6	3	---	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brandon.....	9,047	1	3	13	10	10.8	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgeport.....	102,054	78	9	18	15	15.1	24	16	30.3	---	4	---	1	1	1	1	1	---	---	---	---	---	---	---	---	---	---	---	---	---
Bristol.....	13,592	27	1	14	17	13.1	4	2	35.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Danbury.....	23,802	64	18	35	17	7.3	3	1	11.4	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Derby.....	8,091	22	2	9	14	16.0	4	1	35.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Hartford.....	8,138	9	2	14	20.6	5	1	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Enfield.....	9,719	22	16	5	6.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fairfield.....	6,134	9	1	13	25.4	1	1	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Greenwich.....	16,463	19	2	15	15	10.9	1	3	26.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Groton.....	6,405	6	2	8	14.7	---	---	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford.....	5,850	13	5	86	18.7	19.2	21	12	17.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford.....	98,915	203	5	17	18	16.5	2	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Uington.....	6,545	17	5	18	16.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly.....	7,127	4	7	12.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester.....	13,641	22	2	10	15	13.1	2	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden.....	32,066	52	4	15	51	14.9	6	1	13.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown.....	20,749	43	3	27	52	17.3	5	5	19.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck.....	12,722	23	1	9	7	6.6	3	1	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain.....	43,916	98	2	69	59	16.1	20	9	49.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Haven.....	133,605	286	16	90	242	20.3	34	28	25.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London.....	19,059	31	3	17	31	18.3	4	2	19.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Milford.....	5,010	9	2	4	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwalk.....	24,211	36	1	18	23	11.4	5	1	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwich.....	28,219	43	28	42	16.1	7	3	23.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange.....	11,272	17	2	3	15	15.9	1	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plainfield.....	6,719	8	6	9	16.0	---	---	---	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plymouth.....	5,021	8	4	10	28.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Putnam.....	7,280	14	1	7	12	18.1	2	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southington.....	6,516	22	2	14	25.7	---	---	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stafford.....	5,233	9	2	6	18.2	---	---	---	29.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford.....	28,836	54	4	36	57	20.8	10	7	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington.....	9,154	18	1	9	15	19.6	1	2	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stratford.....	5,712	4	2	4	8.4	---	---	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington.....	16,840	32	2	7	15	10.6	6	1	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vernon.....	9,087	14	1	6	16	21.1	3	---	30.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallingford.....	11,155	23	2	10	10.7	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury.....	73,141	177	8	50	88	15.1	20	9	32.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Winchester.....	8,079	8	5	6	6.9	---	---	---	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham.....	12,064	33	5	34	31.4	11	7	56.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total of the 40 above towns.....	885,118	1831	73	701	1334	18.8	219	121	25.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
118 towns of less than 5,000 inhabitants.....	214,971	333	15	95	348	19.4	47	13	8.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 158 towns.....	1,099,789	2164	88	796	1682	18.3	236	134	21.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting.....	14,967	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 27; in Danbury, 6; in Hartford, 75; in Huntington, 9; in Meriden, 16; in Middletown, 26; in New Britain, 6; in New London, 8; in Norwich, 2; in Putnam, 4; in Stamford, 7; in Waterbury, 14; in Winchester, 2, and in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in March: Andover, Avon, Bethany, Bethlehem, Bolton, Brookfield, Canterbury, Chaplin, Chatham, Columbia, Goshen, Hebron, Kent, Killingworth, Middlefield, Monroe, New Fairfield, Oxford, Pomfret, Prospect, Salem, Union, Warren.—Total, 23. The Registrars of the following towns have made no report for March: Brooklyn, Cornwall, Hartland, Lyme, Madison, Mansfield, Marlborough, South Windsor, Trumbull, Waterford.—Total 10.

# REMARKS.

By mortality reports received there were 1,682 deaths during the month of March. This was 126 more than in February and 50 more than in March of last year, and 138 more than the average number of deaths during March for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	*1,556	1,421	1,313	1,515	1,519	1,235
March,	1,682	1,632	1,572	1,456	1,572	1,489

Total first quarter, 4,998 4,551 4,251 4,528 4,787 4,064

The death rate was 18.8 for the large towns, for the small towns 19.4 and for the whole State 18.3.

The deaths reported from infectious diseases were 298, being 16.7 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Andover, 1; Bethlehem, 3; Bridgeport, 30; Bridgewater, 8; Canton, 2; Chatham, 2; Cheshire, 18; Columbia, 10; Cornwall, "epidemic"; Coventry, 3; Darien, 12; Derby, 2; East Hartford, 1; East Windsor, "good many"; Enfield, 11; Franklin, 1; Glastonbury, 1; Greenwich, 6; Guilford, 1; Hamden, 1; Hartford, 11; Hebron, 2; Jewett City (borough), 1; Litchfield, 1; Manchester, 3; Mansfield, 10; Meriden (city), 15; Meriden (town), 1; Naugatuck, 46; New Canaan, 4; New Haven, 10; New London, 1; New Milford, 3; North Branford, 1; Norwalk (city), 10; Norwalk (town), 2; Norwich, 1; Orange, 20; Plainville, 1; Roxbury, 58; Scotland, 3; Somers, 1; Southbury, 12; Southington, 1; South Norwalk (city), 1; Stafford, 21; Stamford (city), 26; Stamford (town), 2; Stonington, 3; Thomaston, 24; Tolland, 1; Trumbull, 1; Warren, 3; Waterbury, 128; Watertown, 40; West Hartford, 5; West Haven (borough), 2; Willimantic (city), 180+; Wilton, 7; Windham, 8; Windsor, 4; Winsted (borough), 2; Wolcott, 1; Woodstock, 5.—Total, 785+ in 64 towns.

**Scarlet Fever.**—Avon, 1; Barkhamsted, 2; Berlin, 1; Bridgeport, 9; Bristol, 3; Canton, 47; Chatham, 1; Cheshire, 1; Chester, 1; Danbury (city), 2; Danbury (town), 3; Derby, 1; East Haven, 1; East Windsor, 1; Ellington, 1; Enfield, 2; Fairfield, 1; Farmington, 2; Glastonbury, 5; Greenwich, 16; Haddam, 3; Hamden, 7; Hartford, 71; Jewett City (borough), 3; Litchfield, 5; Manchester, 21; Mansfield, 1; Meriden (city), 2; Middletown (city), 10; Middletown (town), 4; Monroe, 4; New Britain, 4; New Hartford, 4; New Haven, 78; New London, 9; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 2; Orange, 1; Plymouth, 1; Putnam, 1; Rockville (city), 8; Rocky Hill, 1; Salisbury, 1; Shelton (borough), 1; Simsbury, 4; Southington, 8; South Norwalk (city), 1; Stamford (city), 2; Stonington, 13+; Stratford, 1; Suffield, 1; Thomaston, 1; Torrington (town), 1; Torrington (borough), 2; Vernon, 1; Wallingford, 14; Waterbury, 31; West Haven (borough), 5; Wethersfield, 2; Willimantic (city), 4; Windham, 1; Windsor, 1.—Total, 437+ in 63 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 1; New Haven, 2; Simsbury, 1.—Total, 4 in 3 towns.

**Diphtheria and Croup.**—Bridgeport, 13; Bristol, 1; Danbury (city), 1; Derby, 3; East Hartford, 1; Enfield, 4; Fairfield, 4; Farmington, 1; Hamden, 1; Hartford, 29; Manchester, 8; Mansfield, 2; Meriden (city), 2; Meriden (town), 1; Middletown (city), 5; Montville, 1; Naugatuck, 1; New Britain, 7; New Haven, 18; New London, 1; Old Saybrook, 1; Orange, 1; Plainfield, 1; Plymouth, 3; Portland, 4; Rockville (city), 1; Rocky Hill, 3; Salem, 4; Shelton (borough), 2; Simsbury, 2; Somers, 1; Southington, 1; Stamford (city), 6; Stonington, 1; Stratford, 1; Wallingford, 5; Waterbury, 10; Watertown, 1; Westport, 1; Willimantic (city), 1; Willington, 2; Windsor, 2; Wind-sor Locks, 5; Winsted (borough), 1.—Total, 164 in 44 towns.

**Whooping Cough.**—Beacon Falls, 3; Bloomfield, 6+; Canton, 16; Cheshire, 8; Columbia, 2; Cornwall, 1; Derby, 1; East Lyme 3; Greenwich, 1; Hartford, 5; Naugatuck, 2; New Britain, 18; New London, 5; North Stonington, 9; Norwalk (city), 15; Putnam, 12; Roxbury, 6; Shelton (borough), 2; Somers, 20; South Norwalk (city), 3; South Windsor, 3; Stamford (city), 22; Stonington, 5+; Suffield, 10; Warren, 4; Washington, 4; Waterbury, 4; Waterford, "prevalent"; Wethersfield, 1; Willimantic (city), 1.—Total, 192+ in 30 towns.

**Typhoid Fever.**—Danbury (city), 1; Darien, 1; Enfield, 4; Essex, 1; Groton, 1; Hartford, 3; Ledyard, 1; Middletown (city), 1; New Canaan, 1; New Haven, 2; New London, 1; Putnam, 1; Rockville (city), 1; Salisbury, 1; Stamford (city), 1; Stonington (town), 1; Stonington (borough), 1; Waterbury, 2; Waterford, 1; Wolcott, 1; Woodstock, 1.—Total, 28 in 21 towns.

**Consumption.**—Ansonia, 4; Bozrah, 3; Branford, 2; Bridgeport, 20; Bristol, 1; Canterbury, 1; Canton, 1; Chatham, 1; Columbia, 1; Derby, 1; Hartford, 19; Killingly, 2; Manchester, 1; Meriden (city), 5; Middle-town (city), 2; Middletown (town), 3; Naugatuck, 2; New Britain, 5; New Canaan, 1; New Haven, 27; New London, 1; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Preston, 2; Seymour, 1; Simsbury, 3; Southington, 1; South Norwalk (city), 1; Stamford (city), 2; Torrington (borough), 2; Waterbury, 23; Waterford, 2; West Hart-ford, 1; Willimantic (city), 6; Wilton, 1; Woodstock, 1.—Total, 152 in 37 towns.

\* Fourteen delayed certificates for February have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of fifty-eight towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, and Middlesex Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Groton (borough), Lebanon, Lyme, Old Lyme.

LITCHFIELD Co.—Woodbury.

TOLLAND Co.—Stafford Springs (borough).

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Roxbury, 1; Washington, 1; Watertown, 1; Woodbury, 2.—Total, 5.

**Scarlet Fever.**—Griswold, 1; Salisbury, 2.—Total, 3.

**Infantile Paralysis.**—West Hartford.

**Diphtheria and Croup.**—East Haddam, 1; Simsbury, 1; Windsor, 1.—Total, 3.

**Whooping Cough.**—Bloomfield, 1; East Lyme, 1; Ledyard, 1; Newington, 2; Seymour, 1; Thompson, 1; Watertown, 1.—Total, 8.

**Consumption.**—Bozrah, 1; Darien, 2; Durham, 1; East Haven, 1; Glastonbury, 1; Guilford, 1; New Hartford, 2; Newington, 4; Newtown, 1; Preston, 1; Ridgefield, 1; Salisbury, 1; Scotland, 1; Seymour, 1; Suffield, 2; Watertown, 1; West Hartford, 1; Windsor Locks, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	24	76	5	105
release .....	19	70	..	89
Tuberculosis .....	35	150	..	185
Typhoid Fever .....	5	32	..	37
Rabies .....	1	1	1	3
Malaria .....	0	5	..	5
Miscellaneous .....	..	..	..	4
Total specimens examined .....				428
Samples of milk analyzed .....				277
" water, sewage and sewage effluents				
examined .....				33
" illuminating oil tested .....				4

## VACCINATION

There is before the Legislature this year the usual bill calling for the repeal of the law which permits the vaccination of school children. At the hearing before the Committee, the antivaccinationists presented the same arguments as at former hearings on the subject, namely, that vaccination does not prevent smallpox, that it causes other diseases, and that better results in prevention could be obtained by quarantine and disinfection.

It seems hardly possible that one can read the history of smallpox before the days of vaccination and doubt that our present freedom from the disease is the result of vaccination. It is not necessary, however, to go back one hundred years to learn its beneficial effects. In Porto Rico and the Philippine Islands millions of people have been vaccinated since the American occupation, with the result that there are now few deaths in those islands from smallpox where formerly there were thousands.

The charge that vaccination ever causes syphilis, tuberculosis or other diseases is without foundation, with the exception that a vaccination is open to the same avenues of infection as there may be in the simplest operation or injury that produces an abrasion of the skin. If one were to collect statistics of all the accidental infections that have followed the amputation of a corn from the foot, they would probably exceed the accidents resulting from vaccination, still no one hesitates to relieve himself of an aching corn.

Quarantine and disinfection have not stamped out other diseases as scarlet fever and diphtheria where it is used, and they will not control smallpox.

There has been no case of smallpox in Connecticut since 1908, although nearly 6,000 cases were reported during January and February of the present year, mostly in the southern and western states where vaccination is more or less neglected. Connecticut's immunity from the disease is due to the fact that we are a well-vaccinated people. Our emigrant population from across the Atlantic are vaccinated in their own country or on shipboard, and our native population are most of them vaccinated once at least during their school days.

Every safeguard has been thrown about the manufacture of the vaccine virus now produced. Since 1902 all vaccine farms have been operated under license from the United States Public Health service, and the purity of the product assured by the repeated examinations of virus purchased in the open market all over the country.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1911.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Snow-fall.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	38	18	28	0	Clear	0.0	29.99	29.12
2	40	28	34	0	Partly Cloudy	0.0	30.70	
3	39	25	32	.06	Cloudy	0.6		
4	34	23	28	0	Partly Cloudy	0.0		
5	31	16	24	0	Clear	0.0		
6	30	19	24	.24	Cloudy	3.3		
7	32	9	20	0	Clear	0.0		
8	43	12	28	0	Clear	0.0		
9	54	20	37	0	Clear	0.0		
10	43	36	40	.16	Cloudy	T.		
11	46	29	38	0	Clear	0.0		
12	43	33	38	.01	Cloudy	0.0		
13	45	34	40	0	Partly Cloudy	0.0		
14	49	29	39	T.	Partly Cloudy	0.0		
15	55	23	39	.78	Partly Cloudy	2.6		
16	23	13	18	0	Partly Cloudy	0.0		
17	34	16	25	0	Clear	0.0		
18	45	31	38	.17	Cloudy	0.0		
19	42	28	35	.48	Cloudy	0.3		
20	47	32	40	.17	Cloudy	0.0		
21	43	35	39	0	Clear	0.0		
22	37	34	50	T.	Cloudy	0.0		
23	42	20	31	0	Partly Cloudy	0.0		
24	29	15	22	0	Clear	0.0		
25	42	16	29	0	Clear	0.0		
26	56	30	43	0	Partly Cloudy	0.0		
27	52	42	47	.72	Cloudy	0.0		
28	46	34	40	.07	Cloudy	T.		
29	53	31	42	.06	Cloudy	0.0		
30	49	37	43	.07	Cloudy	0.0		
31	42	32	37	T.	Cloudy	T.		
Mean	43.0	25.7	34.4	3.89				

TEMPERATURE.	
Highest	67°; date 22; lowest 9°; date 7
Greatest daily range	34°; date 9
Least daily range	7°; date 10

MEAN FOR THIS MONTH IN	
1905-36°	1906-31°
1907-38°	1908-37°
1909-35°	1910-42°
1911-34°	
Normal for this month	35°
Absolute maximum for this month for 7 years	80°-07
Absolute minimum for this month for 7 years	7°-06
Average daily deficiency (—) of this month as compared with the normal	0.6°
Accumulated excess (+) since January 1	105.6°
Average daily excess (+) since January 1	1.2°

PRECIPITATION.	
Total this month	3.80
Snowfall	6.8
Greatest precipitation in 24 hours	1.03, date 29-30
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-3.35	1906-5.02
1907-1.33	1908-3.06
1909-3.64	1910-0.95
1911-3.89	
Normal for this month	4.32
Deficiency (—) of this month as compared with the normal	0.43
Accumulated deficiency (—) since January 1	2.40

WIND.	
Prevailing direction	NW
Total movement	7,669 miles
Average hourly velocity	10.3
Maximum velocity (for five minutes)	39 miles per hour, from NW on 23d.

WEATHER.	
Number of days, clear	10
Partly cloudy	8
Cloudy	13
On which .01 inch, or more, of precipitation occurred	12

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	7, 9
Hail	29
Sleet	14, 19
Fog	3, 4, 9
Thunderstorms	15, 27, 29
Monthly percentage of sunshine	55 per cent.
Mean monthly relative humidity	61.4 per cent.
*Frosts: light	; heavy
	; killing

NOTE.—"T" indicates trace of precipitation.

\* FROSTS are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1911, and a Statement of the Births and Marriages for the Month of March, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births March.	Still Births March.	Marriages in March.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia.	15,152	37	3	2	18	14.7	3	16.9	---	---	---	1	---	---	---	---	---	---	---	---	1	2	---	---	3	2	3	1		
Brantford.	6,047	16	---	4	12	14.5	22	20.7	---	4	---	---	2	---	---	---	---	---	---	2	13	10	6	---	3	5	78	1		
Bridport.	102,064	238	8	40	158	9.9	22	12	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Briggsport.	13,502	31	---	7	27	16.0	3	13.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Danbury.	23,502	34	1	3	17	13.7	3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Derby.	8,138	22	---	3	10	11.2	3	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
East Hartford.	9,738	22	---	3	10	11.2	3	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Enfield.	9,738	22	---	3	10	11.2	3	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Fairfield.	6,134	27	1	4	14	14.7	2	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Fairfield.	6,134	27	1	4	14	14.7	2	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Greenwich.	10,463	25	3	8	27	13.6	1	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Groton.	6,405	11	---	2	7	10.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Hamden.	5,850	19	---	3	12	21.6	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Hartford.	98,915	247	12	39	194	19.5	39	18	29.3	1	2	2	2	2	2	2	4	2	4	2	15	55	14	15	10	2	2	69		
Huntington.	6,545	15	---	1	11	16.4	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Killingly.	6,504	11	---	1	12	22.1	2	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester.	13,641	16	---	8	13	11.3	1	2	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden.	32,066	68	1	8	45	14.2	7	4	24.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown.	20,749	54	3	7	40	13.1	3	5	16.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Nagatuck.	12,722	26	2	3	21	19.8	5	3	38.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain.	43,916	94	5	13	56	15.6	17	9	45.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Haven.	133,095	332	19	56	207	16.9	32	8	19.3	1	4	1	2	4	7	---	---	---	---	---	---	---	---	---	---	---	---	---		
New London.	19,659	39	1	12	29	17.0	4	1	17.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford.	5,010	5	---	2	7	16.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk.	24,211	39	3	7	34	13.6	3	5	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich.	28,219	51	---	6	45	17.8	10	1	24.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange.	11,272	9	3	3	14	14.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield.	6,719	20	---	3	7	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plymouth.	5,021	16	---	3	6	14.3	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam.	7,280	17	---	2	6	8.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington.	6,516	10	---	1	7	12.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stafford.	5,233	7	---	1	7	16.0	3	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford.	28,836	79	2	23	39	12.8	6	5	28.4	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington.	9,154	18	1	2	18	23.5	1	4	27.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stratford.	5,712	7	---	1	7	14.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington.	16,840	39	---	4	17	12.1	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon.	9,087	18	1	2	16	21.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford.	11,155	24	1	1	16	17.2	1	2	18.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury.	73,141	488	8	23	108	17.0	26	13	36.1	1	2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Westchester.	8,679	17	2	2	13	17.9	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham.	12,604	29	4	7	30	25.6	4	26.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 40 above towns.	885,118	1970	87	321	1321	17.9	219	112	25.0	---	---	13	25	8	16	18	5	2	---	5	8	3	126	216	49	110	136	67	591	---
117 towns of less than 5,000 inhabitants.	215,012	366	10	49	335	18.6	43	17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 157 towns.	1,100,130	2336	97	370	1656	18.0	262	129	23.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting.	14,626	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 23; in Danbury, 51; in Derby, 31; in Greenwich, 21; in Hartford, 80; in Huntington, 41; in Meriden, 12; in Middletown, 21; in New Britain, 55; in New Haven, 55; in New London, 27; in Norwalk, 31; in Norwich, 9; in Putnam, 31; in Stamford, 6; in Wallingford, 2; in Waterbury, 21; in Winchester, 1, and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in April: Andover, Avon, Barkhamsted, Bethlehem, Bolton, Canaan, Chaplin, Columbia, Franklin, Hampton, Hartland, Kent, Killingworth, Lisbon, Salem, Union, Warren, Washington, Westbrook, Weston, Willington, Wolcott.—Total, 23. The Registrars of the following towns have made no report for April: Bethany, Brookfield, Brooklyn, Cornwall, Marlborough, Morris, Portland, Redding, Sharon, South Windham.—Total 10.

# REMARKS.

By mortality reports received there were 1,656 deaths during the month of April. This was 34 less than in March and 147 more than in April of last year, and 218 more than the average number of deaths during April for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	*1,690	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,006	4,551	4,251	4,528	4,787	4,064
April,	1,656	1,509	1,501	1,330	1,420	1,400

The death rate was 17.9 for the large towns, for the small towns 18.6, and for the whole State 18.0.

The deaths reported from infectious diseases were 274, being 16.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Andover, 13; Ansonia, 1; Bloomfield, 2; Bridgeport, 60; Bozrah, 1; Branford, few cases; Canterbury, 1; Chaplin, 2; Chatham, 2; Cheshire, 13; Columbia, 15; Cornwall, 1; Coventry, 30+; Danbury (city), 2; Enfield, 3; Farmington, 1; Franklin, 1; Glastonbury, 7; Greenwich, 5; Hamden, 2; Hampton, 2; Hartford, 29; Hebron, 18; Lebanon, 4; Litchfield, 7; Manchester, 60+; Mansfield, 13; Meriden (city), 11; Meriden (town), 4; Middlebury, 4; Montville, 1; Naugatuck, 6; New Britain, 2; New Haven, 10; New London, 3; New Milford, 2; North Branford, 5; Norwalk (city), 10; Norwalk (town), 2; Plymouth, 2; Pomfret, 3; Rocky Hill, 1; Rockville (city), 1; Roxbury, 28; Salem, 1; Scotland, 4; Seymour, 6; Shelton (borough), 1; Somers, 10; Southbury, 10; Southington, 14; South Windsor, 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 11; Stamford (town), 1; Stonington (town), 1; Stonington (borough), 4; Sterling, 1; Stratford, 8; Suffield, 6; Thomaston, 38; Torrington (borough), 1; Vernon, 3; Wallingford (borough), 30; Warren, 8; Washington, 6; Waterbury, 33; Watertown, 21; West Hartford, 3; West Haven (borough), 3; Wethersfield, 4; Willimantic (city), 20; Welton, 2; Windham, 10; Winsted (borough), 52—Total, 709+, in 75 towns.

**Scarlet Fever.**—Bridgeport, 15; Bristol, 4; Cromwell, 2; Danbury (city), 1; Danbury (town), 1; Darien, 1; Derby, 1; East Lyme, 1; East Windsor, 2; Ellington, 4; Enfield, 1; Fairfield, 3; Glastonbury, 7; Goshen, 1; Greenwich, 7; Hamden, 7; Hartford, 41; Manchester, 9; Meriden (city), 8; Middletown (city), 3; Middletown (town), 2; Milford, 1; Naugatuck, 2; New Britain, 7; New Haven, 61; New London, 10; North Stonington, 1; Norwalk, 1; Norwich (city), 2; Orange, 1; Plainville, 8; Pomfret, 1; Portland, 1; Rockville (city), 8; Shelton (borough), 1; Simsbury, 1; South Norwalk (city), 2; Stamford (city), 3; Stamford (town), 1; Stonington (town), 15+; Stonington (borough), 2; Stratford, 1; Tolland, 1; Torrington (borough), 1; Vernon, 2; Wallingford (borough), 1; Waterbury, 37; Waterford, 1; Watertown, 1; West Hartford, 1; West Haven (borough), 2; Wethersfield, 1; Willimantic (city), 4; Winsted (borough), 1—Total, 393+, in 54 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 2; New Britain, 1; New London, 1; Norwich (city), 2; Ridgefield (borough), 1—Total, 7, in 5 towns.

**Infantile Paralysis.**—Groton (borough), 1.

**Diphtheria and Croup.**—Ansonia, 1; Bridgeport, 7; Bristol, 2; Cheshire, 2; Colchester, 1; Danbury (city), 2; Danielson (borough), 1; Derby, 1; Enfield, 2; Groton (borough), 1; Hartford, 12; Jewett City (borough), 1; Manchester, 6; Meriden (city), 3; Middletown (city), 4; Middletown (town), 1; New Britain, 9; New Hartford, 1; New Haven, 15; Newington, 7; New London, 2; North Stonington, 1; Norwalk (city), 1; Plainville, 1; Plymouth, 1; Portland, 3; Rockville (city), 3; Seymour, 1; Stratford, 2; Suffield, 4; Wallingford (borough), 3; Waterbury, 4; Waterford, 2; Watertown, 1; Willimantic (city), 1; Willington, 1; Windham, 1; Windsor, 1—Total, 112 in 38 towns.

**Whooping Cough.**—Berlin, 4; Bridgeport, 1; Canton, "epidemic", Cheshire, 1; Danielson (borough), "few"; East Lyme, "epidemic"; Enfield, 4; Greenwich, 1; Hartford, 3; Middlebury, 12; New Britain, 19; North Haven, 4; North Stonington, 7; Oxford, 2; Roxbury, 3; Shelton (borough), "many"; Stamford (city), 5; Stamford (town), 1; Suffield, 10; Thompson, 5; Washington, 11; Waterbury, 1; Westport, 3; Windsor, 2; Windsor Locks, "several"; Wolcott, 5; Woodstock, 1—Total, 108+ in 27 towns.

**Typhoid Fever.**—Berlin, 1; Bethel, 1; Bridgeport, 2; Cornwall, 1; Danbury (city), 1; Enfield, 3; Greenwich, 2; Middletown (city), 1; Putnam, 1; Stamford (city), 2; Stonington, 2; Waterbury, 2; Willimantic (city), 4; Wilton, 1; Winchester, 1—Total, 25 in 15 towns.

**Consumption.**—Andover, 1; Bridgeport, 6; Canterbury, 1; Cheshire, 1; Clinton, 1; Darien, 1; Enfield, 3; Greenwich, 1; Hartford, 16; Hebron, 1; Jewett City (borough), 1; Killingly, 2; Lyme, 1; Manchester, 1; Mansfield, 1; Meriden (city), 5; Middlebury, 1; Middletown (city), 2; Milford, 1; Naugatuck, 1; New Britain, 9; New Haven, 20; New London, 3; North Canaan, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 4; Old Lyme, 1; Plainfield, 1;

Plymouth, 1; Preston, 4; Putnam, 4; Rockville (city), 1; Roxbury, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 8; Torrington (borough), 2; Waterbury, 10; Wethersfield, 1; Willimantic (city), 3; Windsor, 1; Woodbridge, 2—Total 130 in 43 towns.

In addition to the above the Health Officers of fifty-eight towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Granby.

FAIRFIELD Co.—Newtown.

LITCHFIELD Co.—Woodbury.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Hebron, 1; Scotland, 1; Southbury, 1; Watertown, 1—Total, 4.

**Diphtheria and Croup.**—Cheshire, 1; Colchester, 1; Plainville, 1; Seymour, 1; Windsor, 1; Woodbury, 1—Total, 6.

**Typhoid Fever.**—Wilton, 1.

**Whooping Cough.**—Sherman, 1; Thompson, 1; Waterford, 1—Total, 3.

**Consumption.**—Burlington, 1; Canton, 1; Cheshire, 1; Clinton, 1; Colebrook, 2; Darien, 1; Griswold, 1; Guilford, 1; Haddam, 1; Middlebury, 1; New Canaan, 2; Newington, 3; Preston, 1; Prospect, 1; Sherman, 1; Simsbury, 1; Sterling, 1; Thompson, 1—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	24	49	2	75
release .....	6	109	2	117
Tuberculosis .....	38	124	..	162
Typhoid Fever .....	6	38	1	45
Rabies .....	2	..	..	2
Malaria .....	..	4	..	4
Glanders .....	..	1	..	4
Cerebro-spinal Meningitis .....	..	1	..	1
Total specimens examined .....				407
Samples of milk analyzed .....				313
" water, sewage and sewage effluents .....				
" examined .....				40
" illuminating oil tested .....				3

## THE POLLUTION OF STREAMS.

The streams and rivers of the State are of priceless value to its people, and should not be used as sewers. Under primitive conditions, rivers are the natural conduits for waste and the scarcity of population makes their use comparatively harmless. But with the growth of population and the increase in manufacturing the use of streams as sewers creates an intolerable nuisance, and their protection from pollution is essential to public health and comfort. The interest in this matter in Connecticut is shown by the number of bills that have been introduced at the present session of the Legislature, which aim to prevent the pollution of our rivers and harbors.

For a number of years this Board has been granted an appropriation to investigate the pollution of streams and the natural waters of the State. A vast amount of data has been collected on the subject and filed in our office. Our reports have been made as the law directs, but there the matter has rested, and we have had no authority to remedy unsanitary or dangerous conditions found. The State Board of Health should be equipped with an Engineering Department and given the necessary authority to stop pollution and supervise the construction of sewage disposal plants. A logical program of conservation could then be worked out, recognizing the various factors and conditions involved.

Massachusetts, New York, Ohio, Pennsylvania, and other progressive states have done this and with such tremendous success that other states are rapidly falling into line, so that it will be but a matter of a few years when that state whose Board of Health does not possess a well-organized and efficient Sanitary Engineering Department will be an exception rather than the rule.

There have been a few sewage disposal plants constructed in this state but many of them have been built without study of the character and composition of the sewage to be disposed of, or the efficiency of the purification. Small towns cannot maintain laboratories and trained men for this work. Our State Board of Health already has a well-equipped laboratory and with an additional appropriation for an engineering expert could readily perform all such work required.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 15, 1911.

\* Eight delayed certificates for March have been received since the publication of the last Bulletin.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	36	27	32	T.	Partly Cloudy	69	30.14	29.61
2	34	21	28	0	Partly Cloudy	70	30.70	
3	42	24	33	0	Clear	100		
4	42	24	33	.83	Cloudy	1		
5	50	32	41	1.03	Cloudy	0		
6	69	45	57	0	Clear	75		
7	59	38	48	0	Partly Cloudy	36		
8	51	34	42	0	Partly Cloudy	54		
9	42	32	37	.35	Cloudy	37		
10	51	32	42	0	Clear	83		
11	52	31	42	0	Clear	100		
12	57	29	43	0	Clear	100		
13	60	38	44	0	Clear	90		
14	56	39	48	.15	Cloudy	0		
15	58	42	50	.01	Cloudy	31		
16	46	33	40	.10	Partly Cloudy	53		
17	48	32	40	0	Partly Cloudy	56		
18	53	32	42	0	Clear	81		
19	60	35	48	.16	Cloudy	26		
20	49	36	42	.54	Cloudy	10		
21	57	34	46	0	Partly Cloudy	62		
22	46	36	41	0	Cloudy	23		
23	46	35	40	T.	Cloudy	9		
24	65	33	49	0	Clear	100		
25	69	40	54	0	Clear	100		
26	68	39	54	0	Clear	100		
27	76	44	60	0	Partly Cloudy	74		
28	80	51	66	0	Clear	71		
29	85	49	67	0	Clear	65		
30	68	52	60	.01	Cloudy	41		
Mean	55.8	35.3	45.6	3.18				

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean.....	30.14
Lowest.....	29.61

TEMPERATURE.	
Highest.....	85°; date 29
Greatest daily range.....	36°; date 29
Least daily range.....	9°; date 1

MEAN FOR THIS MONTH IN	
1905-48°	1906-48°
1907-43°	1908-48°
1909-47°	1910-52°
1911-46°	
Normal for this month.....	47°
Absolute maximum for this month for 7 years.....	85°-11
Absolute minimum for this month for 7 years.....	21°-11
Average daily deficiency (-) of this month as compared with the normal.....	1.1°
Accumulated excess (+) since January 1.....	72.6°
Average daily excess (+) since January 1.....	0.6°

PRECIPITATION.	
Total this month.....	3.18
Snowfall.....	4.7
Greatest precipitation in 24 hours 1.64, date.....	4-5
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-2.57	1906-3.58
1907-3.24	1908-2.36
1909-7.21	1910-3.15
1911-3.18	
Normal for this month.....	3.57
Deficiency (-) of this month as compared with the normal ..	0.39
Accumulated deficiency (-) since January 1.....	2.79

WIND.	
Prevailing direction.....	NW
Total movement.....	6,142 miles
Average hourly velocity.....	8.5
Maximum velocity (for five minutes) 30 miles per hour, from W on 16th.	

WEATHER.	
Number of days, clear.....	12
Partly cloudy.....	8
Cloudy.....	10
On which .01 inch, or more, of precipitation occurred.....	9

MISCELLANEOUS PHENOMENA (dates of).	
Auroras.....	9
Halos, solar.....	8, 19, 27
Halos, lunar.....	6, 7, 12
Hail.....	None
Sleet.....	None
Fog.....	None
Thunderstorms.....	None
*Frosts: light. ..; heavy.....; killing 1, 2, 3, 4, 10, 11, 12, 13, 16, 17	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,  
WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1911, and a Statement of the Births and Marriages for the Month of April, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births April.	Still Births April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to total 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,152	41	---	8	11	3.8	1	0.6	---	---	---	---	---	---	---	---	---	---	---	---	1	3	---	---	---	2	1	---	4	
Branford, .....	6,047	7	1	6	2	3.9	1	---	---	---	---	---	---	---	---	---	---	---	---	---	2	6	20	1	3	3	1	79	2	
Bridgeport, .....	102,051	224	6	75	123	13.0	27	7	27.8	3	1	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Bristol, .....	13,502	22	---	7	11	0.7	3	45.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Danbury, .....	23,502	27	2	14	24	10.2	3	1	16.6	---	---	1	---	---	---	---	---	---	---	---	---	3	5	2	4	1	2	2	2	
Derby, .....	8,901	16	1	13	11	13.3	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
East Hartford, .....	8,138	12	---	2	8	0.3	2	37.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	
Enfield, .....	9,719	24	---	13	9	11.0	4	44.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	
Fairfield, .....	6,134	14	1	5	6	11.7	1	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
Greenwich, .....	16,463	22	4	20	18	13.1	2	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Groton, .....	6,495	6	---	5	13	24.0	3	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hamden, .....	5,850	6	---	1	9	18.4	1	11.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
Hartford, .....	98,915	213	7	100	155	15.5	17	14.1	1	1	1	---	2	---	---	---	---	---	---	2	3	6	1	1	1	---	---	---	1	
Huntington, .....	6,545	9	---	2	10	7.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Killingly, .....	6,504	12	---	7	9	16.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Manchester, .....	13,641	20	1	11	16	14.0	3	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Meriden, .....	32,066	68	---	17	37	10.4	3	16.2	1	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Middletown, .....	20,749	38	4	13	33	8.6	6	18.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Naugatuck, .....	12,722	29	2	4	10	9.4	3	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Britain, .....	43,916	147	3	27	49	13.3	19	46.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Canaan, .....	133,605	293	14	102	179	13.1	23	10	18.4	1	2	2	1	2	1	1	1	---	---	---	---	---	---	---	---	---	---	---		
New Haven, .....	19,659	22	6	19	34	20.1	4	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
New Milford, .....	5,010	7	---	4	3	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwalk, .....	24,211	48	1	19	55	27.2	4	10.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Norwich, .....	28,219	58	4	17	29	11.1	3	17.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Orange, .....	11,272	12	1	3	9	9.5	1	23.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plainfield, .....	6,719	15	1	3	11	19.6	1	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Plymouth, .....	5,021	12	---	7	16.7	2	---	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Putnam, .....	7,280	15	2	2	16	26.3	3	31.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Southington, .....	6,516	12	---	2	14	25.5	1	21.4	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stafford, .....	5,233	12	---	2	4	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stamford, .....	28,536	57	---	29	42	15.8	4	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Stonington, .....	9,154	14	2	7	16	13.1	1	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Torrington, .....	5,712	14	---	3	14	29.4	4	23.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Vernon, .....	16,840	17	4	12	18	12.8	4	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wallingford, .....	9,087	22	---	6	14	18.4	1	7.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Waterbury, .....	11,155	26	3	3	10	10.7	1	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Wethersfield, .....	73,141	157	5	45	77	12.3	18	10	36.3	1	2	---	1	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Winchester, .....	8,679	12	---	1	17	26.3	1	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Windham, .....	12,604	21	1	8	26	17.1	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total of the 40 above towns, .....	888,118	1681	80	539	1145	15.5	183	65	21.6	10	6	10	4	10	6	7	4	1	3	19	3	101	134	22	118	109	71	507	622	
123 towns of less than 5,000 inhabitants	225,499	319	11	101	276	14.6	27	11	13.7	2	2	5	---	2	2	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 163 towns, .....	1,116,617	2000	91	640	1421	15.3	210	76	20.1	12	8	15	4	12	8	8	4	1	3	21	3	125	157	27	152	144	95	622	622	
Population of towns not reporting, .....	4,139	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Derby, 1; in Greenwich, 7; in Huntington, 6; in Meriden, 15; in Middletown, 19; in New Britain, 5; in New Haven, 6; in New London, 4; in Norwich, 4; in Stamford, 8; in Waterbury, 15; in Winchester, 2; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Bethany, Bethlehem, Bloomfield, Bolton, Bridgewater, Colebrook, Columbia, Durham, East Granby, East Haven, Ellington, Franklin, Kent, Killingworth, Lebanon, Lime, Marlborough, Middlebury, Morris, Pomfret, Roxbury, Salem, Somers, Southbury, Tolland, Trumbull, Warren, Weston, Willington, Woodbridge, Woodstock.—Total, 33.

The Registrars of the following towns have made no report for May: Cornwall, Hartland, Madison, Scotland, Sherman.—Total 5.

# REMARKS.

By mortality reports received there were 1,421 deaths during the month of May. This was 257 less than in April and 4 more than in May of last year, and 54 more than the average number of deaths during May for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,606	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,601	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,421	1,417	1,330	1,204	1,329	1,404

The death rate was 15.5 for the large towns, for the small towns 14.6, and for the whole State 15.3.

The deaths reported from infectious diseases were 200, being 14.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Andover, 13; Ansonia, 1; Ashford, 1; Barkhamsted, 2; Bloomfield, 20; Bolton, 1; several\*; Branford, 35+; Bridgeport, 130; Burlington, 25; Canton, 2; Chaplin, 1; Cheshire, 2; Chester, 1; Coventry, 6+; Cromwell, 1; Darien, 1; Derby, 2; Durham, 3; East Hartford, 3; East Haven, 1; Easton, 1; East Windsor, 1; Enfield, 1; Fairfield, 15; Farmington, 3; Franklin, 2; Greenwich, 7; Hamden, 1; Hartford, 41; Kent, 1; Lebanon, 12; Litchfield, 1; Madison, 8; Manchester, 70+; Mansfield, 10; Meriden (city), 59; Meriden (town), 2; Middlebury, 3; Middletown, 2; Middletown (city), 2; Middletown (town), 7; Milford, 1; Monroe, 4; New Britain, 3; New Haven, 11; Newington, 1; New London, 15; New Milford, 6; Newtown, 1; North Haven, 1; Norwalk (city), 15; Norwalk (town), 1; Plainfield, 1; Plymouth, 15; Pomfret, 1; Preston, 3; Redding, 2; Shelton (borough), 1; Southington, "about 150"; Stamford (city), 4; Stamford (town), 2; Stratford, 36; Stonington, 5; Thomaston, 18; Wallingford (borough), 10; Waterbury, 13; Westbrook, 5; West Haven (borough), 5; Westport, 4; Wethersfield, 5; Willimantic (city), 10; Wilton, 3; Windham, 44; Wolcott, 1.—Total, 888+ in 74 towns.

**Scarlet Fever.**—Bridgeport, 22; Brookfield, 1; Coventry, 3; Cromwell, 3; Danbury (city), 1; Danbury (town), 3; Danielson (borough), 1; Darien, 1; Derby, 2; Ellington, 1; Fairfield, 2; Farmington, 1; Glastonbury, 6; Greenwich, 7; Hamden, 4; Hartford, 55; Lebanon, 3; Manchester, 21; Meriden (city), 8; Meriden (town), 1; Middletown (city), 1; Middletown (town), 1; Naugatuck (borough), 2; New Britain, 4; New Haven, 56; New London, 21; Newtown, 1; North Stonington, 2; Norwalk (city), 1; Norwalk (town), 1; Old Saybrook, 2; Orange, 2; Plainfield, 2; Rocky Hill, 1; Rockville (city), 6; Seymour, 3; Shelton (borough), 1; Southbury, 1; Southington, 1; South Norwalk (city), 2; South Windsor, 1; Stafford, 1; Stamford (city), 3; Stonington (town), 2; Stonington (borough), 1; Thompson, 2; Tolland, 2; Torrington (borough), 4; Vernon, 1; Wallingford (borough), 6; Waterbury, 33; Waterford, 8; West Hartford, 2; Westport, 1; Wethersfield, 2; Willimantic (city), 3; Windsor, 2; Windsor Locks, 2; Woodbridge, 1.—Total, 320 in 60 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 6; New Haven, 2; Waterbury, 1; Willimantic (city), 1.—Total, 10 in 4 towns.

**Infantile Paralysis.**—Willimantic (city), 1.

**Diphtheria and Croup.**—Berlin, 1; Branford, 1; Bridgeport, 15; Bridgewater, 1; Bristol, 1; Colchester, 2; Danbury (city), 1; East Hartford, 3; Enfield, 1; Glastonbury, 1; Greenwich, 1; Guilford, 1; Hartford, 33; Hebron, 5; Huntington, 1; Manchester, 5; Meriden (city), 4; Middletown (city), 4; Milford, 2; Naugatuck (borough), 1; New Britain, 9; New Canaan, 1; New Hartford, 1; New Haven, 24; Newington, 1; New London, 1; North Haven, 2; Norwalk (city), 1; Norwalk (city), 1; Plainville, 4; Plymouth, 1; Putnam, 2; Suffield, 2; Thomaston, 1; Wallingford (borough), 1; Waterbury, 11; Willimantic (city), 1.—Total, 148 in 37 towns.

**Whooping Cough.**—Bridgeport, 2; Bridgewater, 3; Brooklyn, 2; Farmington, 3; Greenwich, 13; Groton (borough), 6; Hartford, 8, Middlebury, 6; New London, 5; Norfolk, 2; Norwalk (city), 10; Putnam, 6; Roxbury, 2; Southbury, 1; South Norwalk (city), 1; Stamford (city), 3; Suffield, 20; Thomaston, 1; Wallingford (borough), 3; Warren, 1; Waterbury, 4; West Haven (borough), 1; Willimantic (city), 6; Windsor, 3.—Total, 112 in 24 towns.

**Typhoid Fever.**—Bridgeport, 1; Bristol, 1; Danbury (city), 1; Enfield, 1; Farmington, 2; Greenwich, 1; Guilford, 1; Hartford, 1; Meriden (city), 1; New Haven, 9; Norwich (city), 1; Shelton (borough), 2; Southington, 1; Stamford (city), 1; Stonington, 1; Torrington (borough), 1; Willimantic (city), 1.—Total, 27 in 17 towns.

**Consumption.**—Ansonia, 2; Bethany, 1; Branford, 1; Bridgeport, 30; Bristol, 2; Danielson (borough), 3; Darien, 1; Derby, 2; East Haddam, 3; Enfield, 2; Hampton, 1; Hartford, 22; Killingly, 1; Manchester, 2; Meriden (city), 6; Middletown (city), 3; Montville, 1; Naugatuck (borough), 1; New Britain, 4; New Haven, 22; New London, 5; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 2; Norwich (town), 2; Plainfield, 1; Plymouth, 2; Putnam, 1; Simsbury, 3; South Norwalk (city), 2; Stafford Springs (borough), 1; Stamford (city), 3;

Thomaston, 1; Torrington (borough), 2; Waterbury, 18; Waterford, 1; Westbrook, 1; Wethersfield, 1; Willimantic (city), 5; Willington, 1; Windsor, 1; Winsted (borough), 1; Woodstock, 1.—Total, 169 in 43 towns.

In addition to the above the Health Officers of fifty-six towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Windham, Middlesex and Tolland Counties have reported, but the Health Officer of the following town has not reported:

HARTFORD CO.—Granby.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Newington, 1; Windsor, 1.

**Scarlet Fever.**—Goshen, 1; North Stonington, 1.

**Diphtheria and Croup.**—Hebron, 1; North Haven, 1.

**Whooping Cough.**—Canton, 1; Windsor, 1.

**Consumption.**—Berlin, 1; Bozrah, 1; Burlington, 1; Colchester, 1; Darien, 1; East Haddam, 1; East Windsor, 1; Griswold, 1; Haddam, 2; Lisbon, 1; Newington, 5; Preston, 1; Prospect, 1; Ridgefield, 1; Sharon, 1; Thompson, 1; Waterford, 1; Watertown, 1; Westport, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	18	55	1	74
release .....	8	10	..	18
Tuberculosis .....	58	123	..	181
Typhoid Fever .....	7	26	..	33
Malaria .....	5	10	1	16
Gonorrhoea .....	1	..	..	1
Cerebro-spinal Meningitis .....	1	2	..	3
Total specimens examined .....				326
Samples of milk analyzed .....				307
" " water, sewage and sewage effluents examined .....				55
" " illuminating oil tested .....				3

## POLIOMYELITIS.

The following circular in reference to acute epidemic poliomyelitis has recently been sent out by the American Orthopedic Association and the American Pediatric Society through a Committee of which Dr. R. W. Lovett of Boston is the chairman. This is addressed to health authorities and boards of health and while it does not differ materially from the Bulletin issued by this Department last Summer, it will serve no doubt to call the attention of the health officers to the necessity of acting promptly, should the disease appear in the State during the present Summer. As insects have been suggested as a possible means of conveyance it may be well to add that all animals which may harbor fleas should be rigidly excluded from the sick room and the room carefully screened, so that flies can not have access to the patient or his secretions.

"Anterior poliomyelitis is, so far as known, a communicable disease, being communicated from one patient to another and also by means of a third person. It occurs in epidemics and tends to spread along the lines of greatest travel. \* \* \*

Of particular significance are the so-called abortive cases, where indefinite ailments occur in children in communities where frank paralysis also exists. These abortive cases of infantile paralysis are undoubtedly a source of infection, and their record and study is of much importance. In a community where cases of infantile paralysis occur, cases of illness with sudden onset of fever and meningeal symptoms should be closely watched and regarded as possibly infectious. In such cases even recovery without paralysis does not establish the fact that the case was not abortive infantile paralysis.

All cases of infantile paralysis should be strictly quarantined, sputum, urine and feces being disinfected, and the same rigid precautions being adopted as in scarlet fever. This quarantine should, in the opinion of the committee, last for four weeks in the absence of definite knowledge as to when the infection ends. Children from infected families should not be allowed to go to school until the quarantine is abandoned. The transportation or transfer of acute cases in public conveyances should be strictly forbidden. It would be very desirable to adopt provisional quarantine measures in suspicious cases in a community where an epidemic prevails. The report of all cases of infantile paralysis to the public health authorities should be enforced by law, and all deaths from this cause should be properly described and registered. A careful study of epidemics by public health authorities is strongly advised."

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, JUNE 5, 1911.

\* One delayed certificate for March and twenty-two for April have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean.....	Lowest.....
1	71	54	62	T.	Cloudy	13	30.41	29.55
2	64	40	52	o	Partly Cloudy	45	30.41	
3	48	35	42	o	Partly Cloudy	52		
4	56	32	44	o	Clear	87		
5	64	36	50	o	Clear	100		
6	72	43	58	o	Clear	86		
7	73	47	62	o	Clear	100		
8	82	50	66	.01	Partly Cloudy	72		
9	62	53	58	.03	Cloudy	6		
10	78	47	62	T.	Clear	68		
11	82	60	71	o	Clear	67		
12	81	61	71	T.	Partly Cloudy	33		
13	74	56	65	o	Partly Cloudy	70		
14	74	46	60	o	Clear	75		
15	70	44	57	o	Partly Cloudy	63		
16	79	55	67	.05	Partly Cloudy	40		
17	79	56	68	T.	Partly Cloudy	71		
18	85	55	70	.03	Cloudy	33		
19	83	62	72	.19	Partly Cloudy	44		
20	79	60	70	T.	Partly Cloudy	30		
21	84	65	74	T.	Partly Cloudy	59		
22	93	63	78	o	Partly Cloudy	59		
23	72	54	63	o	Cloudy	9		
24	57	50	54	.19	Cloudy	0		
25	72	54	63	.03	Cloudy	23		
26	70	54	62	o	Cloudy	15		
27	81	55	68	o	Clear	97		
28	83	54	68	o	Clear	100		
29	83	58	70	.49	Partly Cloudy	60		
30	78	62	70	.01	Cloudy	31		
31	68	57	62	.19	Cloudy	10		
Mean	74.3	52.2	63.2	1.22		52		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean.....	30.41
Lowest.....	29.55

TEMPERATURE.	
Highest.....	93°
Greatest daily range.....	32°
Least daily range.....	7°

MEAN FOR THIS MONTH IN	
1905-59°	1906-59°
1907-53°	1908-61°
1909-58°	1910-58°
1911-63°	
Normal for this month.....	58°
Absolute maximum for this month for 7 years.....	93°-11
Absolute minimum for this month for 7 years.....	32°-11
Average daily excess (+) of this month as compared with the normal.....	5.7°
Accumulated excess (+) since January 1.....	249.3°
Average daily excess (+) since January 1.....	1.6°

PRECIPITATION.	
Total this month.....	1.22
Snowfall.....	.0
Greatest precipitation in 24 hours 0.50, date.....	29-30
Snow on the ground at end of month.....	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-1.25	1906-4.60
1907-3.35	1908-6.52
1909-1.99	1910-2.49
1911-1.22	
Normal for this month.....	3.54
Deficiency (-) of this month as compared with the normal.....	2.32
Accumulated excess (+) since January 1.....	5.11

WIND.	
Prevailing direction.....	S
Total movement.....	5,710 miles
Average hourly velocity.....	7.7
Maximum velocity (for five minutes) 27 miles per hour, from W on 3d.	

WEATHER.	
Number of days, clear.....	9
Partly cloudy.....	13
Cloudy.....	9
On which .01 inch, or more, of precipitation occurred.....	10

MISCELLANEOUS PHENOMENA (dates of).	
Auroras.....	None
Halos, solar.....	8
Halos, lunar.....	None
Hail.....	None
Sleet.....	None
Fog.....	None
Thunderstorms.....	12, 18, 19, 24, 25, 29
*Frosts.....	Light, None; Heavy, 3, 5; Killing, 4

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1911, and a Statement of the Births and Marriages for the Month of May, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia, -----	15,152	37	---	7	18	14.2	7	3	55.5	---	---	---	---	---	---	---	---	---	---	---	3	1	1	---	3	---	2	6
Branford, -----	6,047	15	---	7	6	11.9	7	3	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bridgeport, -----	102,054	281	13	96	112	11.1	30	9	34.8	5	---	1	---	1	---	---	---	---	---	15	10	12	---	---	1	12	55	
Bristol, -----	13,502	18	1	7	13	11.5	2	30.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Danbury, -----	23,502	41	3	8	33	15.0	5	---	15.1	---	---	---	---	---	---	---	---	---	---	---	---	6	---	---	---	---	---	---
Derby, -----	8,901	23	---	11	7	5.3	1	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
East Hartford, -----	8,138	16	2	2	7	10.3	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Enfield, -----	9,719	19	---	8	7	8.6	2	28.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fairfield, -----	6,134	14	1	2	6	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Greenwich, -----	16,463	20	1	10	22	16.0	5	2	31.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Groton, -----	6,495	9	1	1	11	20.3	3	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hamden, -----	5,850	10	---	2	4	8.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hartford, -----	98,915	207	10	68	111	11.4	22	9	27.9	---	3	1	1	1	3	---	---	---	---	---	2	2	6	1	11	14	6	53
Huntington, -----	6,545	18	---	2	16	9.1	---	---	6.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Killingly, -----	6,504	8	1	6	3	5.5	1	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Manchester, -----	13,611	32	---	11	10	8.7	3	2	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Meriden, -----	32,066	62	2	15	35	9.7	5	4	25.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Middletown, -----	20,749	35	9	16	33	9.2	3	---	9.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Naugatuck, -----	12,722	33	---	7	7	6.6	1	2	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Britain, -----	43,916	119	4	34	46	12.0	16	4	43.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Haven, -----	133,605	340	16	87	171	14.1	22	13	20.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New London, -----	19,959	33	2	14	14	8.5	2	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
New Milford, -----	5,010	1	---	5	9	21.5	1	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwalk, -----	24,211	52	3	10	26	12.8	3	3	23.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Norwich, -----	28,219	47	1	25	25	10.2	1	---	8.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange, -----	11,272	20	1	2	9	9.5	2	---	22.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plainfield, -----	6,719	12	---	14	5	10.7	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Plymouth, -----	5,021	17	---	11	5	10.7	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Putnam, -----	7,280	17	1	---	6	6.5	1	4	42.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Southampton, -----	6,516	15	---	3	14	25.7	2	4	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stafford, -----	5,233	5	---	1	2	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford, -----	28,536	38	4	25	25	9.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stonington, -----	9,154	25	1	9	4	5.2	---	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stratford, -----	5,712	11	---	3	5	10.5	1	2	60.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington, -----	16,840	29	1	6	7	4.9	3	1	57.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Uxbridge, -----	9,087	6	1	5	10	13.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Vernon, -----	11,155	19	---	5	10	10.7	4	---	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wallingford, -----	73,441	186	5	42	61	9.8	17	3	32.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Waterbury, -----	8,079	16	---	5	9	11.0	2	1	33.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Winchester, -----	12,064	30	2	11	14	11.4	1	2	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Windham, -----	885,118	1936	86	597	935	12.6	174	74	26.5	---	12	5	6	4	11	6	4	3	---	---	---	---	---	---	---	---	---	---
Total of the 40 above towns, -----	227,393	370	10	114	235	12.4	18	11	12.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
126 towns of less than 5,000 inhabitants	1,112,421	2306	95	711	1170	12.6	192	85	23.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total reported from 166 towns, -----	1,112,421	2306	95	711	1170	12.6	192	85	23.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Population of towns not reporting, -----	2,335	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 21; in Danbury, 8; in Derby, 4; in Greenwich, 5; in Hartford, 52; in Huntington, 11; in Meriden, 11; in Middletown, 20; in New Britain, 5; in New Haven, 54; in New London, 3; in Norwich, 2; in Putnam, 2; in Stamford, 3; in Torrington, 1; in Waterbury, 20; in Winchester, 1; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in June: Ashford, Barkhamsted, Beacon Falls, Bethlehem, Bloomfield, Bozrah, Bridgewater, Brookfield, Chester, Durham, Ellington, Goshen, Hartland, Kent, Killingworth, Lebanon, Ledyard, Ashford, Monroe, New Fairfield, North Branford, North Canaan, North Stonington, Oxford, Prospect, Rocky Hill, Salem, Scotland, Sharon, Simsbury, South Windsor, Trumbull, Union, Burlington, Warren, Washington, Westbrook, Willington, Wolcott, Woodbridge.—Total, 40.

The Registrars of the following towns have made no report for June: Burlington, Cornwall.—Total, 2.

# REMARKS.

By mortality reports received there were 1,170 deaths during the month of June. This was 257 less than in May and 196 less than in June of last year, and 50 less than the average number of deaths during June for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,493	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	*1,427	1,417	1,330	1,204	1,329	1,404
June,	1,170	1,266	1,216	1,146	1,225	1,248

Total second quarter, 4,275 4,192 4,047 3,680 3,974 4,082

The death rate was 12.6 for the large towns, for the small towns 12.4, and for the whole State 12.6.

The deaths reported from infectious diseases were 175, being 15.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Andover, 1; Avon, 3; Bethel, 3; Bloomfield, 22; Bridgeport, 66; Burlington, 10; Canton, 7; Chaplin, 4; Chester, 3; Clinton, 10; Cornwall, 2; Coventry, 2; Cromwell, 2; Danbury (city), 1; Darien, 1; Durham, 1; East Haddam, 1; East Hartford, 20; East Lyme, 1; Enfield, 15; Fairfield, 8; Farmington, 4; Greenwich, 5; Groton, 2; Hamden, 2; Hartford, 32; Hebron, 1; Lebanon, 2; Litchfield, 1; Madison, 1; Manchester, 25+; Mansfield, 1; Meriden (city), 32; Meriden (town), 4; Milford, 1; New Britain, 3; New Canaan, 1; New Haven, 5; New London, 21; New Milford, 2; Newtown, 2; Norfolk, 16; North Branford, 2; Norwalk (city), 10; Norwalk (town), 3; Plymouth, 1; Pomfret, 3; Salisbury, 1; Somers, 4; Southington, 67; South Windsor, 3; Stamford (city), 3; Waterbury, 4; Waterford, 1; Westbrook, 60; West Haven (borough), 2; Westport, 1; Willimantic (city), 3; Wilton, 2; Windham, 10; Windsor, 2; Winsted (borough), 1.—Total, 529+ in 62 towns.

**Scarlet Fever.**—Andover, 8; Berlin, 2; Bridgeport, 10; Bridge-water, 1; Brooklyn, 3; Cheshire, 1; Clinton, 5; Danbury (city), 5; Danbury (town), 3; Derby, 1; Durham, 3; Ellington, 1; Enfield, 2; Greenwich, 8; Groton, 2; Hamden, 1; Hartford, 40; Jewett City (borough), 1; Manchester, 8; Meriden (city), 4; Meriden (town), 2; Middletown (city), 1; Middletown (town), 3; Morris, 2; Naugatuck (borough), 5; New Britain, 8; New Hartford, 3; New Haven, 16; New London, 10; Newtown, 1; North Stonington, 1; Norwich (city), 4; Plainfield, 5; Rockville (city), 5; Southbury, 2; Stamford (city), 2; Stafford Springs (borough), 1; Stamford (town), 1; Stonington, 3; Stratford, 5; Torrington (borough), 1; Wallingford, 3; Waterbury, 15; Waterford, 1; West Hartford, 1; Willimantic (city), 1; Woodbridge, 2.—Total, 213 in 47 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 1; Bristol, 1; Manchester, 1; Willimantic (city), 1.—Total, 4 in 4 towns.

**Infantile Paralysis.**—New Britain, 1.

**Diphtheria and Croup.**—Ansonia, 1; Berlin, 2; Bridgeport, 6; Bristol, 1; Clinton, 2; Danbury (city), 4; Danielson (borough), 1; Derby, 2; East Hartford, 1; Glastonbury, 2; Greenwich, 2; Hartford, 52; Manchester, 4; Meriden (city), 3; Middletown (city), 1; Milford, 5; New Britain, 6; New Canaan, 2; New Haven, 10; New London, 1; North Haven, 3; Oxford, 1; Plainfield, 2; Plymouth, 6; Preston, 1; Rockville (city), 1; Shelton (borough), 3; Southington, 2; Stamford (city), 1; Suffield, 2; Torrington (borough), 1; Waterbury, 2; West Hartford, 2; Westport, 4; Wethersfield, 1; Woodbury, 1.—Total, 150 in 36 towns.

**Whooping Cough.**—East Lyme, 2; Greenwich, 15; Groton (borough), 4; Hartford, 8; Norwalk, 5; South Norwalk (city), 2; Suffield, 25; Windsor, 2; Windsor Locks, "many cases"; Woodstock, 16.—Total, 79+ in 10 towns.

**Typhoid Fever.**—Bridgeport, 2; Bristol, 2; East Hartford, 1; Enfield, 1; Essex, 1; Groton, 1; Hartford, 1; Harwinton, 1; New Haven, 8; New London, 1; Pomfret, 1; Shelton (borough), 30; Southington, 2; Waterbury, 2; West Haven (borough), 1; Wethersfield, 1; Winchester, 1.—Total, 57 in 17 towns.

**Consumption.**—Ansonia, 4; Berlin, 1; Bethany, 1; Branford, 1; Bridgeport, 13; Bristol, 1; Cheshire, 1; Derby, 2; Greenwich, 2; Hamden, 1; Hartford, 15; Killingly, 1; Lebanon, 2; Lyme, 1; Manchester, 3; Meriden (city), 3; Middletown (city), 2; Montville, 1; Naugatuck (borough), 1; New Britain, 8; New Haven, 24; New London, 4; Norwalk (city), 2; Norwalk (town), 2; Old Lyme, 2; Plainfield, 1; Plymouth, 1; Preston, 12; Rockville (city), 1; Roxbury, 1; Saybrook, 1; Sharon, 2; Simsbury, 3; Southington, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 4; Suffield, 1; Thomaston, 1; Torrington (borough), 3; Waterbury, 14; Watertown, 2; West Hartford, 1; Willimantic (city), 1; Winsted (borough), 1.—Total, 151 in 45 towns.

\* Six delayed certificates for May have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of fifty-seven towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Granby, Newington.

NEW LONDON Co.—Voluntown.

FAIRFIELD Co.—Huntington.

WINDHAM Co.—Canterbury.

LITCHFIELD Co.—Torrington.

MIDDLESEX Co.—Haddam, Middlefield, Old Saybrook, Portland.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Thompson, 1.

**Diphtheria and Croup.**—Clinton, 1; Milford, 1; Old Saybrook, 1; Westport, 1.—Total, 5 in 5 towns.

**Typhoid Fever.**—Harwinton, 1.

**Consumption.**—Bethany, 1; Bethel, 1; East Haddam, 1; East Windsor, 2; Farmington, 2; Haddam, 1; Hampton, 1; New Canaan, 1; Newington, 5; Newtown, 1; North Haven, 1; Old Lyme, 1; Preston, 2; Roxbury, 1; Wilton, 1.—Total, 22 in 15 towns.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	12	32	..	44
release .....	21	133	2	156
Tuberculosis .....	39	79	..	168
Typhoid Fever .....	13	34	4	51
Malaria .....	1	12	3	16
Rabies .....	..	1	..	1
Total specimens examined .....				376
Samples of milk analyzed .....				331
" " water, sewage and sewage effluents .....				
" " examined .....				58
" " illuminating oil tested .....				4

## TYPHOID VACCINATION

Typhoid fever has long been known as a preventable infectious disease and much has been accomplished in the way of its prevention by hygiene and sanitation, but there has recently come into use a new method of prevention, known as typhoid vaccination. This promises important results, especially in military camps, and is applicable to all individuals liable to exposure to typhoid infection. It has also been recommended as a cure for the chronic typhoid bacillus carrier. The measure is simple, easy of execution and affords protection when all else fails. It has been tried in the English and German armies, but never to the extent and with the success attending its use at the recent army maneuvers in Texas. The war department was so gratified by the results obtained that, on June 9th of the present year, an order was issued requiring the vaccination against typhoid of all soldiers on enlistment.

The vaccine is produced by growing on agar a non-virulent strain of the typhoid bacillus. The cultures after being incubated for a certain time are washed off in a salt solution, and the emulsion heated over a water bath for one hour, in order to kill all the bacilli. The emulsion is standardized by counting the number of bacteria in a sample of the unkilld emulsion. After it is cooled it is diluted with salt solution, and one-quarter per cent. of tricresol added as an antiseptic. Animal tests are made for living typhoid bacteria or contaminating organisms.

The vaccine is injected into the subcutaneous tissue of the arm at the insertion of the deltoid. It is given in three doses, each ten days apart. The first dose contains 500,000 000 bacteria while the second and third doses are twice as large and contain 1,000,000,000 bacteria each in a definite amount of fluid. It is not yet certainly known how long the protective power of the vaccination lasts, but it is thought to be five or six years. This vaccine is now manufactured by concerns dealing in vaccines and antitoxines and can be purchased in the market.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, July 15, 1911.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	74	57	66	.26	Clear	80	29.93	30.22
2	80	51	66	0	Partly Cloudy	69	29.61	29.61
3	71	57	64	T.	Cloudy	0		
4	80	51	66	0	Clear	88		
5	61	54	58	.50	Cloudy	0		
6	58	55	56	.72	Cloudy	0		
7	71	55	63	.35	Cloudy	7		
8	78	52	65	0	Clear	100		
9	84	54	69	0	Clear	95		
10	87	62	74	.06	Partly Cloudy	72		
11	81	62	72	T.	Cloudy	37		
12	64	54	59	.59	Cloudy	0		
13	63	53	58	.04	Cloudy	0		
14	74	60	67	.02	Cloudy	26		
15	76	58	67	T.	Partly Cloudy	46		
16	70	55	62	T.	Cloudy	41		
17	76	50	63	0	Partly Cloudy	71		
18	77	56	66	T.	Partly Cloudy	47		
19	85	58	72	0	Partly Cloudy	72		
20	82	61	72	0	Partly Cloudy	78		
21	71	54	62	0	Partly Cloudy	59		
22	78	54	66	T.	Cloudy	34		
23	81	63	72	T.	Partly Cloudy	78		
24	81	57	69	0	Clear	88		
25	76	58	67	T.	Cloudy	20		
26	69	59	64	T.	Cloudy	0		
27	81	65	73	.01	Cloudy	14		
28	88	68	78	0	Partly Cloudy	41		
29	82	64	73	0	Clear	99		
30	84	59	72	0	Clear	100		
Mean	76.1	57.2	66.6	2.55		49		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.93; highest 30.22; date 25
Lowest	29.61; date 14

TEMPERATURE.	
Highest	88°; date 28; lowest 50°; date 17
Greatest daily range	30°; date 9
Least daily range	3°; date 6

MEAN FOR THIS MONTH IN	
1905-66°	1906-68°
1907-65°	1908-70°
1909-68°	1910-66°
1911-67°	
Normal for this month	67.1°
Absolute maximum for this month for 7 years	92°-'09
Absolute minimum for this month for 7 years	40°-'07
Average daily deficiency (—) of this month as compared with the normal	0.4°
Accumulated excess (+) since January 1	237.3°
Average daily excess (+) since January 1	1.3°

PRECIPITATION.	
Total this month	2.55
Snowfall	0
Greatest precipitation in 24 hours 0.98, date	5-6
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-4.85	1906-2.19
1907-3.44	1908-2.42
1909-2.23	1910-4.16
1911-2.55	
Normal for this month	3.08
Deficiency (—) of this month as compared with the normal	0.53
Accumulated deficiency (—) since January 1	5.64

WIND.	
Prevailing direction	North
Total movement	4,585 miles
Average hourly velocity	6.4
Maximum velocity (for five minutes) 27 miles per hour, from NW on 16th.	

WEATHER.	
Number of days, clear	7
Partly cloudy	10
Cloudy	13
On which .or inch, or more, of precipitation occurred	9

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	4
Hail	None
Sleet	None
Fog	None
Thunderstorms	10, 12, 16, 20
*Frosts :.....Light, None ;.....Heavy, None ;.....Killing, None	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1911,  
and a Statement of the Births and Marriages for the Month of June, 1911.

The Population below was given by the 13th Census. Total population of the State is 1,114,756.

TOWNS.	Census Population.	Living Births June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years (total).	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipels.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ausonia, .....	15,152	42	1	26	25	10.7	12	6	72.	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	9	-----	4	-----	-----	3	1	-----	7	
Brantford, .....	6,047	13	11	4	7	9	58	13	42.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46	-----	8	-----	-----	-----	-----	22	4	
Bridgeport, .....	102,054	232	11	122	166	18.6	1	4	40.0	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	2	6	
Bristol, .....	13,502	24	1	15	20	17.7	4	4	39.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	3	12	
Danbury, .....	23,502	33	1	29	23	11.2	8	1	32.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	2	11	
Derby, .....	8,091	21	2	18	25	32.0	8	4	50.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	3	3	
East Hartford, .....	8,138	17	2	15	14	20.6	4	5	42.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	2	9	
Enfield, .....	9,719	17	2	15	18	22.2	8	2	44.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	1	4	
Fairfield, .....	6,134	9	12	7	13	6	2	1	42.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	2	10	
Greenwich, .....	16,463	29	2	27	27	18.9	9	3	44.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	1	6	
Groton, .....	6,495	17	6	14	25.8	2	1	21.4	44.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	2	2	
Hamden, .....	5,850	12	3	9	18.4	3	5	55.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	1	2	
Hartford, .....	98,915	215	8	173	178	17.8	43	11	30.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25	-----	10	-----	-----	-----	-----	12	31	
Huntington, .....	8,915	18	5	16	23.8	5	1	31.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	5	-----	-----	-----	-----	1	1	
Killingly, .....	6,504	14	14	3	5.5	1	1	33.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	1	0	
Manchester, .....	13,611	28	2	25	24	21.1	10	5	62.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	2	3	
Meriden, .....	32,066	61	55	59	17.9	13	5	30.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	3	-----	-----	-----	-----	1	15	
Middletown, .....	20,749	35	2	23	40	15.0	8	1	17.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	3	-----	-----	-----	-----	9	4	
Naugatuck, .....	12,722	18	10	10	9.4	4	1	50.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	21	-----	2	-----	-----	-----	-----	2	8	
New Britain, .....	43,916	129	4	51	70	18.3	24	9	45.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	19	-----	10	-----	-----	-----	-----	2	17	
New Haven, .....	133,605	322	10	198	207	17.6	47	15	29.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	19	-----	10	-----	-----	-----	-----	2	13	
New London, .....	19,659	38	1	26	27	16.4	6	4	37.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	2	-----	-----	-----	-----	1	4	
New Milford, .....	5,010	8	1	5	11.9	1	1	40.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	1	16	
Norwalk, .....	24,211	41	2	33	35	16.8	3	2	14.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	4	5	
Norwich, .....	28,219	55	1	27	44	16.9	13	4	38.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	3	5	
Orange, .....	11,272	15	1	12	20	21.2	5	1	20.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7	-----	1	-----	-----	-----	-----	1	2	
Plainfield, .....	6,719	11	1	3	4	7.1	1	1	25.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	-----	-----	1	15
Plymouth, .....	5,021	9	1	14	7	16.7	3	1	42.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	-----	-----	1	2
Punam, .....	7,280	9	1	10	8	9.8	3	1	42.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	-----	-----	1	2
Southington, .....	6,516	15	10	8	20.2	5	1	54.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	1	-----	-----	-----	-----	2	2	
Stafford, .....	5,233	40	3	6	13.7	1	1	16.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	1	-----	-----	-----	-----	2	2	
Stamford, .....	28,836	55	62	43	17.4	10	2	27.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	5	-----	-----	-----	-----	6	17	
Stamington, .....	9,151	19	1	14	8	10.4	3	1	40.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	-----	1	-----	-----	-----	-----	-----	1	2
Stratford, .....	5,712	29	2	15	13	8.2	3	2	58.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	-----	1	-----	-----	-----	-----	2	2	
Torrington, .....	16,840	13	15	12	26.4	4	3	50.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	2	-----	-----	-----	-----	2	7	
Vernon, .....	9,087	26	15	20	26.4	5	5	50.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	2	-----	-----	-----	-----	2	7	
Wallingford, .....	11,155	29	12	12	12.9	1	3	33.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	-----	2	-----	-----	-----	-----	1	6	
Waterbury, .....	73,141	191	7	70	100	15.8	38	2	40.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	20	-----	4	-----	-----	-----	-----	8	4	
Westford, .....	8,679	22	11	5	5.5	5	2	43.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	1	2	
Winchester, .....	12,604	30	11	32	27.6	12	2	40.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6	-----	1	-----	-----	-----	-----	1	15	
Windham, .....	885,118	1913	64	1202	1371	18.5	285	109	28.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	222	-----	35	-----	-----	-----	-----	14	118	535
Total of the 40 above towns, .....	221,943	368	14	215	252	13.6	38	8	18.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16	-----	4	-----	-----	-----	-----	5	32	24
123 towns of less than 5,000 inhabitants	1,107,061	2281	78	1417	1623	17.6	323	117	27.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	238	-----	39	-----	-----	-----	-----	19	157	142
Total reported from 163 towns, .....	1,107,061	2281	78	1417	1623	17.6	323	117	27.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	238	-----	39	-----	-----	-----	-----	19	157	142
Population of towns not reporting, .....	7,695	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	645

The mortality in Public Institutions of the State was: in Bridgeport, 38; in Danbury, 4; in Derby, 3; in Greenwich, 4; in Hartford, 78; in Huntington, 5; in Meriden, 20; in Middletown, 27; in New Britain, 40; in New Haven, 63; in New London, 31; in Norwich, 5; in Norwalk, 5; in Putnam, 2; in Stamford, 19; in Waterbury, 19; in Winchester, 1; in Windham, 7. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Ashford, Barkhamsted, Bethany, Bolton, Bridgewater, Brookfield, Chaplin, Cornwall, Durham, Eastford, East Granby, Ellington, Essex, Franklin, Granby, Harwinton, Lisbon, Marlborough, Monroe, New Fairfield, Oxford, Redding, Rocky Hill, Roxbury, Salem, Tolland, Voluntown, Warren, Weston.—Total, 30.

The Registrars of the following towns have made no report for July: Hartland, Madison, Trumbull, Waterford, Woodbridge.—Total, 5.

# REMARKS.

By mortality reports received there were 1,623 deaths during the month of July. This was 451 more than in June and 112 less than in July of last year, and 83 more than the average number of deaths during July for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,320	1,404
June,	*1,172	1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July	1,623	1,735	1,412	1,496	1,518	1,537

The death rate was 18.5 for the large towns, for the small towns 13.6, and for the whole State 17.6.

The deaths reported from infectious diseases were 180, being 11.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Saybrook, 1.

**Measles.**—Andover, 2; Avon, 26; Bethel, 7+; Bloomfield, 10; Bozrah, 3; Bridgeport, 18; Clinton, 8; Columbia, 1; Derby, 2; Durham, 3; East Haddam, 1; East Hartford, 10; Enfield, 20; Fairfield, 4; Glastonbury, 5; Hamden, 3; Hartford, 29; Manchester, 4; Mansfield, 1; Meriden (city), 11; Meriden (town), 1; Milford, 1; Naugatuck, 2; New Britain, 1; New Canaan, 1; New Haven, 1; New London, 1; Norfolk, 12; North Haven, 2; North Stonington, 7; Norwalk (city), 5; Old Saybrook, 1; Pomfret, 3; Southington, 7; South Windsor, 4; Sterling, 1; Wallingford, 1; Waterbury, 1; Westbrook, 1; Westport, 1; Willimantic (city), 3; Windsor, 1.—Total, 234+ in 42 towns.

**Scarlet Fever.**—Bridgeport, 2; Brooklyn, 2; Colchester, 1; Danbury (city), 1; Derby, 1; Glastonbury, 2; Greenwich, 3; Groton, 1; Guilford, 1; Hartford, 15; Madison, 1; Manchester, 2; Meriden (city), 10; Meriden (town), 1; Middletown (town), 1; New Britain, 2; New Haven, 7; New London, 2; North Stonington, 3; Norwich (town), 1; Plainfield, 2; Redding, 1; Stamford (city), 2; Stonington (borough), 1; Stonington (town), 4; Washington, 5; Waterbury, 3; Westbrook, 1; Westport, 1; Willimantic (city), 1; Windsor, 14. Total, 94 in 31 towns.

**Cerebro-Spinal Fever.**—Bristol, 1; Middletown (city), 1; Norwalk (city), 1.—Total, 3 in 3 towns.

**Infantile Paralysis.**—New Haven, 3.

**Diphtheria and Croup.**—Ansonia, 1; Bridgeport, 5; Bristol, 1; Cheshire, 1; Chester, 1; Danbury (city), 1; Enfield, 1; Fairfield, 1; Glastonbury, 3; Groton, 5; Hartford, 16; Manchester, 2; Meriden (city), 5; Meriden (town), 4; Middletown (city), 3; Milford, 1; New Britain (city), 2; New Haven, 4; New London, 3; North Haven, 1; Plainfield, 5; Putnam, 1; Shelton (borough), 1; Southbury, 1; Stamford (city), 2; Wallingford, 1; Washington, 1; Waterbury, 3; West Hartford, 2; Wethersfield, 2; Windsor, 1.—Total, 81 in 31 towns.

**Whooping Cough.**—Berlin, 2; Branford, 7; Farmington, 1; Greenwich, 1; Hartford, 6; Kent, 7; Lyme, 2; Saybrook, 1; Southington, 1; South Norwalk (city), 1; Suffield, 18; Waterbury, 2; Winsted (borough), 3; Woodstock, 10.—Total, 62 in 15 towns.

**Typhoid Fever.**—Berlin, 1; Branford, 1; Bristol, 1; Danbury (city), 1; Derby, 2; Enfield, 3; Greenwich, 2; Hamden, 1; Hartford, 7; Mansfield, 1; New Britain, 1; New Haven, 22; Norwich (city), 1; Shelton (borough), 6; Stamford (city), 2; Stonington (town), 3; Suffield, 1; Waterbury, 8; West Haven (borough), 1; Woodstock, 2.—Total, 67 in 20 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 13; Bristol, 2; Canton, 2; Chatham, 1; Danielson (borough), 1; Derby, 2; East Windsor, 1; Fairfield, 1; Greenwich, 1; Haddam, 1; Hartford, 20; Meriden (city), 6; Middletown (city), 4; Naugatuck, 1; New Britain, 6; New Hartford, 1; New Haven, 17; New London, 1; Norwalk (city), 2; Norwalk (town), 1; Preston, 1; Putnam, 2; Simsbury, 2; Southington, 1; South Norwalk (city), 1; Stafford Springs (borough), 1; Suffield, 4; Thomaston, 1; Torrington (borough), 1; Wallingford, 2; Waterbury, 19; West Haven (borough), 2; Willimantic (city), 2.—Total, 125 in 34 towns.

In addition to the above the Health Officers of eighty-nine towns report that they have not been notified of any infectious diseases.

\* Eight delayed certificates for May and two for June have been received since the publication of the last Bulletin.

All the Health Officers of Hartford, New Haven, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

New London Co.—Groton (borough),  
LITCHFIELD Co.—Winchester, Woodbury.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—North Stonington, 1; Windsor, 1.

**Diphtheria and Croup.**—North Haven, 1.

**Consumption.**—Bozrah, 1; Cheshire, 1; Cromwell, 1; East Haddam, 1; East Windsor, 1; Hebron, 1; Killingworth, 1; Lebanon, 1; Lyme, 2; Montville, 1; Newington, 1; Salisbury, 1; Suffield, 1; Woodstock, 1.—Total, 15 in 14 towns.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis .....	16	28	1
release .....	15	35	..
Tuberculosis .....	38	71	..
Typhoid Fever .....	13	69	2
Malaria .....	3	15	..
Rabies .....	..	1	..
Leprosy .....	..	..	1
Total specimens examined .....			368
Samples of milk analyzed .....			363
“ “ water, sewage and sewage effluents examined .....			51
“ “ illuminating oil tested .....			4

## CONSTRUCTION CAMPS.

During the summer and fall there are located at various places throughout the state a number of camps occupied by laborers who are engaged in construction work on railroads, state highways, water reservoirs or other public works. Unless these are conducted in a thoroughly sanitary manner, they may be a menace not only to the health of the individuals occupying them, but also to the inhabitants of the towns in which they are located, and it is one of the duties of the local health officer to see that they are maintained with a proper regard to hygiene and sanitation in every particular. Section 4699 of the General Statutes provides that every agent of a firm or corporation, and every person who shall maintain or have charge of any structure used as a boarding-house or place of abode for laborers employed by them, shall within seventy-two hours after such structure has been occupied for such purpose, notify the health officer of the town in which such structure is located. Such health officer must then within five days inspect the premises and may make such orders as he deems necessary, or may forbid the use of the camp altogether.

Particular attention should be given to those camps which are so located as to be liable to pollute any public water supply. If there is danger of this and another location is not practicable, all excreta from the occupants of the camp should be deposited in water-tight pails or other receptacles and daily carried off the watershed. Where the water supply of a neighboring town, not in the jurisdiction of the health officer where the camp is located, is threatened, then the health officer should notify the health officer of the town or city using the water. This is very important at this time of the year when typhoid fever may be prevalent and when we are fearing an importation of cholera from abroad.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics

HARTFORD, August 15, 1911.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	88	61	74	0	Clear	83	29.99	30.27
2	93	67	80	T.	Partly Cloudy	43	29.58	29.58
3	100	74	87	0	Partly Cloudy	76		
4	99	72	86	0	Partly Cloudy	66		
5	96	74	85	.03	Partly Cloudy	58		
6	98	73	86	T.	Partly Cloudy	72		
7	86	69	78	0	Partly Cloudy	74		
8	86	61	74	0	Partly Cloudy	73		
9	95	63	79	0	Partly Cloudy	66		
10	100	76	88	T.	Partly Cloudy	56		
11	97	75	86	0	Clear	100		
12	94	64	79	.52	Partly Cloudy	49		
13	84	68	76	0	Clear	69		
14	74	65	70	.01	Cloudy	0		
15	85	60	72	0	Partly Cloudy	63		
16	87	67	77	0	Partly Cloudy	54		
17	81	68	74	.98	Cloudy	9		
18	80	63	72	0	Partly Cloudy	69		
19	83	60	72	0	Partly Cloudy	85		
20	85	65	75	T.	Partly Cloudy	34		
21	80	65	72	.01	Cloudy	26		
22	79	65	72	.02	Clear	78		
23	81	57	69	0	Cloudy	52		
24	83	68	76	.77	Cloudy	25		
25	74	60	67	0	Partly Cloudy	78		
26	79	56	68	T.	Partly Cloudy	58		
27	78	56	67	0	Cloudy	30		
28	65	57	61	.51	Cloudy	0		
29	80	59	70	.11	Partly Cloudy	28		
30	81	67	74	.01	Cloudy	21		
	89	61	75	0	Clear	73		
Mean	85.8	65.0	75.4	2.97		54		

ATMOSPHERIC PRESSURE.	
Mean	29.99; highest 30.27; date 8
Lowest	29.58; date 24

TEMPERATURE.	
Highest	100°; date 10; lowest 56°; date 27
Greatest daily range	32°; date 9
Least daily range	8°; date 28

MEAN FOR THIS MONTH IN	
1905-73°	1906-72°
1907-73°	1908-75°
1909-71°	1910-74°
1911-75°	
Normal for this month	72°
Absolute maximum for this month for 7 years	100°-71
Absolute minimum for this month for 7 years	51°-09
Average daily excess of this month as compared with the normal	3.8°
Accumulated excess (+) since January 1	351.6°
Average daily excess (+) since January 1	1.7°

PRECIPITATION.	
Total this month	2.97
Snowfall	0
Greatest precipitation in 24 hours 0.98, date	17
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-2.71	1906-5.09
1907-1.86	1908-5.74
1909-1.59	1910-2.47
1911-2.97	
Normal for this month	4.11
Deficiency (—) of this month as compared with the normal	1.14
Accumulated deficiency (—) since January 1	6.78

WIND.	
Prevailing direction	South
Total movement	5,131 miles
Average hourly velocity	6.9
Maximum velocity (for five minutes) 39 miles per hour, from SW on 24th.	

WEATHER.	
Number of days, clear	5
Partly cloudy	18
Cloudy	8
On which .01 inch, or more, of precipitation occurred	10

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	1
Halos, solar	27
Halos, lunar	7, 8
Hail	None
Sleet	None
Fog	None
Thunderstorms	5, 6, 10, 11, 12, 13, 21, 24, 29
*Frosts: Light, None; Heavy, None; Killing, None	

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 68 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1911, and a Statement of the Births and Marriages for the Month of July, 1911.

Total Estimated population of the State is 1,134,082.

TOWNS.		Census Estimated Population.	Living Births July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths from 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	15,399	49	2	11	27	21.0	13	1	51.1	---	---	---	---	---	---	---	---	---	---	---	8	---	---	---	---	---	---	2	2	8
Brantford.	6,081	18	3	5	9.0	---	46	12	46.4	---	---	---	---	---	---	---	---	---	---	---	28	1	4	4	1	1	1	1	70	2
Bridgewater.	105,159	255	12	10	12	12.5	3	1	23.5	---	---	---	---	---	---	---	---	---	---	---	2	2	2	2	1	1	1	1	1	1
Bristol.	13,887	30	13	17	14.6	---	8	1	34.6	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Danbury.	23,904	43	3	10	26	11.5	7	1	50.0	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Derby.	9,097	32	2	12	16	21.0	7	1	75.0	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
East Hartford.	8,311	15	3	4	5.7	---	7	3	62.5	---	---	---	---	---	---	---	---	---	---	---	4	1	1	1	1	1	1	1	1	1
Enfield.	10,021	19	1	25	16	19.1	7	3	11.1	---	---	---	---	---	---	---	---	---	---	---	6	1	1	1	1	1	1	1	1	1
Fairfield.	6,298	12	2	5	9.7	---	1	4	50.0	---	---	---	---	---	---	---	---	---	---	---	19	2	2	2	1	1	1	1	1	1
Greenwich.	16,892	22	1	13	28	19.8	10	4	20.0	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Groton.	6,548	7	1	2	10	18.3	4	1	35.7	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Hamden.	5,972	16	1	2	14	28.1	4	1	15.3	---	---	---	---	---	---	---	---	---	---	---	19	2	2	2	1	1	1	1	1	1
Hartford.	100,821	236	4	84	156	15.4	30	18	30.7	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Huntington.	6,642	18	4	13	21.6	---	2	1	15.3	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Killingly.	6,537	4	1	4	8	14.6	3	1	50.0	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Manchester.	13,945	35	1	12	11	9.4	3	2	45.4	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Meriden.	32,403	78	2	20	32	11.1	5	3	25.0	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Middletown.	21,075	36	17	28	13.0	---	8	1	32.1	---	---	---	---	---	---	---	---	---	---	---	7	1	1	1	1	1	1	1	1	1
New Britain.	12,940	23	7	14	12.9	---	9	---	64.2	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
New Haven.	45,487	128	3	42	38	10.0	22	1	60.5	---	---	---	---	---	---	---	---	---	---	---	31	3	3	3	1	1	1	1	1	1
New London.	136,162	335	14	121	192	15.9	58	15	38.0	---	---	---	---	---	---	---	---	---	---	---	2	2	2	2	1	1	1	1	1	1
New Milford.	19,870	36	1	25	22	11.4	4	1	22.7	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Norwalk.	5,030	9	1	2	4	9.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Norwich.	24,638	38	1	18	28	13.6	3	3	21.4	---	---	---	---	---	---	---	---	---	---	---	4	2	2	2	1	1	1	1	1	1
Orange.	28,577	54	5	21	53	18.8	14	3	32.0	---	---	---	---	---	---	---	---	---	---	---	4	2	2	2	1	1	1	1	1	1
Plainfield.	11,699	18	1	2	12	12.3	1	1	16.6	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Plymouth.	6,908	13	3	6	10.4	---	1	---	16.6	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Putnam.	5,240	14	1	6	9	20.6	2	1	33.3	---	---	---	---	---	---	---	---	---	---	---	2	1	1	1	1	1	1	1	1	1
Southington.	7,274	12	7	14	19.7	---	3	---	21.4	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Stafford.	6,578	12	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Stamford.	5,326	4	3	45	17.6	---	18	2	44.4	---	---	---	---	---	---	---	---	---	---	---	2	2	2	2	1	1	1	1	1	1
Stonington.	29,335	58	4	35	45	17.6	18	2	44.4	---	---	---	---	---	---	---	---	---	---	---	2	2	2	2	1	1	1	1	1	1
Stratford.	9,215	16	6	6	6	7.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Torrington.	5,917	14	1	2	6	12.1	2	---	33.3	---	---	---	---	---	---	---	---	---	---	---	3	3	3	3	1	1	1	1	1	1
Vernon.	17,278	26	14	13	9.0	---	4	1	26.4	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Wallingford.	9,147	12	1	4	15	19.6	3	1	26.0	---	---	---	---	---	---	---	---	---	---	---	1	1	1	1	1	1	1	1	1	1
Waterbury.	11,370	24	8	9	14.1	---	38	8	47.4	---	---	---	---	---	---	---	---	---	---	---	19	2	2	2	1	1	1	1	1	1
Windsor.	75,341	175	13	8	97	11.1	1	1	28.5	---	---	---	---	---	---	---	---	---	---	---	3	3	3	3	1	1	1	1	1	1
Windsor.	8,770	23	1	7	8.2	---	1	1	38.0	---	---	---	---	---	---	---	---	---	---	---	3	3	3	3	1	1	1	1	1	1
Windsor.	12,950	29	1	13	21	16.8	7	1	38.0	---	---	---	---	---	---	---	---	---	---	---	3	3	3	3	1	1	1	1	1	1
Total of the 40 above towns.	904,444	2006	79	728	1156	14.3	349	89	37.0	---	---	---	---	---	---	---	---	---	---	---	173	19	87	45	10	94	94	69	501	130
119 towns of less than 5,000 inhabitants.	214,541	367	12	96	265	14.8	50	13	26.0	---	---	---	---	---	---	---	---	---	---	---	28	6	18	10	3	35	19	14	130	130
Total reported from 158 towns.	1,118,985	2367	91	824	1421	14.4	399	102	35.2	---	---	---	---	---	---	---	---	---	---	---	201	25	105	56	13	129	173	83	631	130
Population of towns not reporting.	15,097	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

The mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 10; in Greenwich, 4; in Hartford, 74; in Huntington, 1; in Meriden, 4; in Middletown, 12; in New Britain, 3; in New Haven, 59; in New London, 6; in Norwich, 8; in Putnam, 4; in Stamford, 6; in Waterbury, 26; and in Winchester, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Ashford, Beacon Falls, Bozrah, Bridgewater, Brookfield, Chaplin, Colebrook, Eastford, East Granby, Haddam, Kent, Killingworth, Marlborough, Middlefield, New Fairfield, North Stonington, Old Lyme, Oxford, Pomfret, Prospect, Salem, Scotland, Somers, Tolland, Union, Warren, Wolcott, Woodbridge.—Total, 28.

The Registrars of the following towns have made no report for August: Bethany, Canaan, Corn wall, Hartland, Madison, Redding, Southington, South Windsor, Suffield, Waterford.—Total 10.

# REMARKS.

By mortality reports received there were 1,421 deaths during the month of August. This was 210 less than in July and 5 less than in August of last year, and 127 less than the average number of deaths during August for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,606	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,329	1,404
June,	1,172	1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July,	*1,631	1,735	1,412	1,496	1,518	1,537
August,	1,421	1,426	1,492	1,410	1,761	1,650

The death rate was 14.3 for the large towns, for the small towns 14.8, and for the whole State 14.4.

The deaths reported from infectious diseases were 170, being 11.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Saybrook, 1.

**Measles.**—Branford, 2; Bridgeport, 1; Enfield, 16; Hartford, 7; Mansfield, 2; Meriden (city), 1; Meriden (town), 1; Milford, 1; New Canaan, 1; New Haven, 1; Newington, 1; New London, 2; Norwalk (city), 2; Plymouth, 1; Saybrook, 1; South Windsor, 1; Westport, 2; West Hartford, 3; Willimantic (city), 1; Windsor, 3.—Total, 50 in 30 towns.

**Scarlet Fever.**—Bridgeport, 4; Brooklyn, 1; Chaplin, 1; East Hartford, 1; Glastonbury, 1; Greenwich, 1; Hartford, 20; Hebron, 1; Lyme, 1; Madison, 2; Manchester, 1; Meriden (city), 2; Montville, 1; New Britain, 4; New Haven, 6; New London, 6; New Milford, 1; North Stonington, 7; Norwalk, 1; Norwich, 2; Plainfield, 1; Pomfret, 1; Rockville (city), 2; Stamford, 1; Waterbury, 3; Waterford, 2; West Haven (borough), 1; Windsor, 13.—Total, 89 in 28 towns.

**Cerebro-Spinal Fever.**—Greenwich, 2; New Haven, 1.—Total, 3 in 2 towns.

**Infantile Paralysis.**—New Haven, 8.

**Diphtheria and Croup.**—Ansonia, 1; Bristol, 1; Cromwell, 2; Darien, 2; Enfield, 1; Greenwich, 1; Hartford, 52; Huntington, 1; Killingly, 1; Litchfield, 1; Meriden (city), 14; Middletown (city), 1; New Britain, 4; New Hartford, 2; New Haven, 7; Norwich, 1; Plainville, 1; Portland, 2; Putnam, 2; Redding, 1; Rockville (city), 3; Shelton (borough), 1; Southington, 1; Sprague, 1; Stamford (city), 1; Thompson, 1; Waterbury, 6; Westbrook, 2; West Hartford, 3; West Haven (borough), 1.—Total, 118 in 30 towns.

**Whooping Cough.**—Branford, 10+; Colchester, 7; Darien, 3; East Haddam, 3; Fairfield, 2; Greenwich, 5; Hartford, 8; Jewett City (borough), 3; Manchester, 1; New Canaan, 2; Norwalk (city), 1; Ridgefield (borough), 3; Rockville (city), 1; Roxbury, 13; Somers, 1; Stamford (city), 2; Waterbury, 1.—Total, 66+.

**Typhoid Fever.**—Ansonia, 4; Branford, 1; Bridgeport, 6; Bristol, 6; Danbury (city), 1; Derby, 2; East Haven, 1; Enfield, 7; Glastonbury, 1; Greenwich, 5; Groton (town), 2; Groton (borough), 1; Hamden, 2; Hartford, 27; Manchester, 4; Meriden (city), 4; Middletown (city), 2; Naugatuck, 1; New Britain, 5; New Haven, 72†; New London, 3; North Haven, 2; Norwalk, 1; Old Saybrook, 1; Plainfield, 2; Portland, 1; Ridgefield (town), 2; Ridgefield (borough), 9; Shelton (borough), 2; Southington, 1; South Windsor, 1; Stamford (city), 3; Stratford, 1; Suffield, 1; Thomaston, 1; Torrington, 3; Waterbury, 12; Westport, 1; West Hartford, 8; West Haven (borough), 2; Willimantic (city), 5; Windsor Locks, 1; Winsted (borough), 2; Woodbury, 2.—Total, 221 in 44 towns.

**Consumption.**—Ansonia, 1; Bloomfield, 1; Bridgeport, 13; Bristol, 2; Cheshire, 1; East Hartford, 1; Farmington, 2; Haddam, 1; Hartford, 13; Killingly, 2; Manchester, 1; Meriden (city), 3; Naugatuck, 1; New Britain, 6; New Hartford, 1; New Haven, 8; New London, 6; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 5; Preston, 3; Rockville (city), 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Stonington, 1; Suffield, 1; Thompson, 1; Torrington, 2; Wallingford, 4; Waterbury, 20; West Haven (borough), 3; Willimantic (city), 3; Wilton, 1.—Total, 114 in 34 towns.

\* Eight delayed certificates for July have been received since the publication of the last Bulletin.

† Four of these were non-residents in hospitals.

In addition to the above the Health Officers of eighty-seven towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Simsbury.

LITCHFIELD Co.—Winchester.

MIDDLESEX Co.—Middletown.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Westbrook, 1.

**Typhoid Fever.**—North Haven, 1.

**Consumption.**—Andover 1; Berlin, 1; Brooklyn, 2; Canton, 1; Cheshire, 1; Cromwell, 2; Mansfield, 1; Newington, 2; Salisbury, 1; Seymour, 1; Sharon, 1; Sprague, 1; Thompson, 1; Wilton, 1; Windsor Locks, 1.—Total, 18.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	20	28	2	50
release .....	38	31	..	69
Tuberculosis .....	36	75	..	111
Typhoid Fever .....	21	73	6	100
Malaria .....	1	11	2	14
Rabies .....	..	2	..	2
Total specimens examined .....				346
Samples of milk analyzed .....				417
“ “ water, sewage and sewage effluents examined .....				73
“ “ illuminating oil tested .....				3

## PUBLIC HEALTH LEGISLATION OF 1911.

Among the laws relating to the public health enacted by the Legislature of 1911 the following may be mentioned: An Act allowing the State Board of Health to make regulations regarding the use of the common drinking cup; abolishing the roller towel in hotels; concerning the sanitary condition of tenement and lodging houses in cities and boroughs; extending the powers of the Food and Dairy Commissioner to enable him to abate unsanitary conditions found on farms and in dairies; an Act providing for the inspection of cattle imported into the State, and an appropriation for Tuberculosis Homes in New London and Middlesex Counties. A law was also passed empowering the State Board of Health to procure antitoxins and vaccine lymph for the free use of the people of the State, but the Act will be ineffective, as it carried no appropriation with which to make the purchase.

Several bills were introduced at the beginning of the session designed to prevent the pollution of streams and tidal waters of the State. These, however, were all rejected on the unfavorable report of the Committee on Public Health and Safety. This is to be regretted as the proper disposal of sewage is the most urgent sanitary question in the State to-day. Two hundred and twenty-one cases of typhoid fever, which is undoubtedly less than the actual number, were reported during the month of August. How can we expect any improvement so long as our small streams and shallow harbors are filled with sewage beyond their capacity of proper disposal and the filth, containing very likely the typhoid germ, lies exposed on river banks and mud flats accessible to the typhoid-carrying fly?

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

*Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics*

HARTFORD, September 15, 1911.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level: inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	90	64	77	0	Partly Cloudy	51	30.03; highest	30.31; date 30
2	76	62	69	T.	Cloudy	4	29.62; lowest	date 15
3	76	63	70	0	Cloudy	6		
4	78	61	70	0	Cloudy	29		
5	84	58	71	0	Partly Cloudy	52		
6	86	62	74	0	Partly Cloudy	54		
7	87	64	76	0	Partly Cloudy	61		
8	83	64	74	0	Partly Cloudy	40		
9	84	67	76	T.	Cloudy	18		
10	94	65	80	0	Clear	75		
11	87	67	77	T.	Cloudy	16		
12	82	58	70	0	Partly Cloudy	69		
13	82	63	72	0	Partly Cloudy	56		
14	89	59	74	0	Clear	88		
15	89	64	76	.34	Partly Cloudy	40		
16	81	68	74	0	Clear	90		
17	86	64	75	0	Clear	70		
18	87	61	74	.13	Partly Cloudy	41		
19	74	59	66	0	Partly Cloudy	61		
20	75	57	66	0	Clear	82		
21	80	49	64	0	Clear	100		
22	81	59	70	0	Clear	100		
23	88	59	74	0	Partly Cloudy	54		
24	71	60	66	.06	Cloudy	10		
25	62	57	60	.57	Cloudy	0		
26	78	59	68	.59	Cloudy	27		
27	70	65	68	.65	Cloudy	0		
28	83	65	74	.19	Cloudy	11		
29	75	57	66	1.53	Cloudy	0		
30	62	54	58	.28	Cloudy	0		
31	57	53	55	1.22	Cloudy	0		
Mean	79.9	60.9	70.4	5.56		43		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level: inches and hundredths.)	
Mean	30.03; highest 30.31; date 30
Lowest	29.62; lowest date 15

TEMPERATURE.	
Highest	94°; date 10; lowest 49°; date 21
Greatest daily range	31°; date 21
Least daily range	4°; date 31

MEAN FOR THIS MONTH IN	
1905-68°	1906-73°
1907-69°	1908-69°
1909-69°	1910-69°
1911-70°	
Normal for this month	68.8°
Absolute maximum for this month for 7 years	94°-11
Absolute minimum for this month for 7 years	43°-08
Average daily excess of this month as compared with the normal	1.6°
Accumulated excess (+) since January 1	401.2°
Average daily excess (+) since January 1	1.7°

PRECIPITATION.	
Total this month	5.56
Snowfall	0
Greatest precipitation in 24 hours	1.54, date 29-30
Snow on the ground at end of month	0

TOTAL PRECIPITATION THIS MONTH IN	
1905-5.08	1906-2.65
1907-1.03	1908-6.74
1909-3.35	1910-2.98
1911-5.56	
Normal for this month	4.56
Excess (+) of this month as compared with the normal	1.00
Accumulated deficiency (—) since January 1	5.78

WIND.	
Prevailing direction	South
Total movement	4,803 miles
Average hourly velocity	6.5
Maximum velocity (for five minutes)	25 miles per hour, from SW on 15th.

WEATHER.	
Number of days, clear	7
Partly cloudy	11
Cloudy	13
On which .01 inch, or more, of precipitation occurred	10

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	None
Thunderstorms	1, 9, 11, 15, 18, 27, 29
*Frosts	Light, None; Heavy, None; Killing, None

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

Mean monthly relative humidity, 76.9 p. c.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1911, and a Statement of the Births and Marriages for the Month of August, 1911.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Brits in August.	Still Births in August.	Marriages in August.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to total 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,399	44	1	10	19	14.8	10	2	63.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	7
Brantford.....	6,081	18	1	3	7	13.8	1	2	42.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.....	105,159	205	15	7	98	10.8	27	4	31.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol.....	13,887	25	1	9	9	7.7	.....	2	22.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.....	23,904	39	1	7	24	11.5	5	2	29.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dartmouth.....	9,097	26	1	6	15	15.8	7	3	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.....	8,311	11	2	1	1	1.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	10,021	22	1	17	16	19.1	6	1	43.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.....	6,298	7	.....	3	4	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.....	16,592	25	5	10	14	9.1	4	1	35.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haddam.....	6,548	4	.....	7	6	10.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	5,972	14	.....	1	4	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	100,821	234	8	109	136	13.5	24	14	27.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington.....	6,642	17	1	4	9	5.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingbury.....	6,537	9	.....	6	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester.....	13,045	25	2	20	12	10.3	3	4	58.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden.....	32,463	60	2	11	39	11.4	5	2	17.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	21,075	40	1	12	43	14.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck.....	12,040	32	.....	4	9	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	45,487	134	3	41	40	12.1	17	9	56.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	136,162	308	14	99	160	13.9	39	12	36.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	19,570	38	2	26	38	22.9	14	2	42.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.....	5,039	11	1	4	1	2.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	24,038	33	1	20	27	13.1	8	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	28,577	46	.....	19	40	15.5	0	2	26.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	11,092	15	1	3	14	4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	6,990	15	.....	5	3	3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,440	15	2	6	4	6.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,778	18	.....	2	6	4.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	6,778	5	1	17	10	18.2	6	.....	66.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,326	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	5,326	56	.....	40	45	17.2	9	3	26.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	20,315	4	.....	30	15	10.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	9,315	14	.....	8	15	16.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,275	30	1	8	13	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,177	24	.....	7	3	3.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,370	18	1	2	5	5.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	74,341	173	6	46	90	14.8	30	7	37.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	8,770	10	1	7	10	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	12,850	28	2	13	21	19.6	7	1	38.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 40 above towns.....	904,444	1907	85	585	1047	13.8	257	81	32.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122 towns of less than 5,000 inhabitants.....	219,961	302	9	99	223	12.2	33	7	18.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns.....	1,124,405	2209	94	684	1270	13.5	290	88	29.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting.....	9,677	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 17; in Danbury, 8; in Derby, 4; in Greenwich, 6; in Hartford, 55; in Huntington, 6; in Meriden, 13; in Middletown, 21; in New Britain, 6; in New Haven, 46; in New London, 5; in Norwalk, 1; in Norwich, 5; in Putnam, 0; in Stamford, 5; in Waterbury, 20; and in Winchester, 5. Non-residents in these are deduced from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Bozrah, Bridgewater, Brookfield, Durham, Eastford, Ellington, Goshen, Hampton, Hartland, Hebron, Kent, Killingworth, Lisbon, Monville, New Fairfield, Norfolk, North Stonington, Old Saybrook, Rocky Hill, Salem, Southbury, Tolland, Warren, Watertown, Weston, Wolcott.—Total, 28.

The Registrars of the following towns have made no report for September: Chaplin, Cornwall, Marlborough, South Windsor, Stafford, Union.—Total, 6.

# REMARKS.

By mortality reports received there were 1,270 deaths during the month of September. This was 169 less than in August and 117 less than in September of last year, and 64 less than the average number of deaths during September for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,329	1,404
June,	1,172	1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July,	1,631	1,735	1,412	1,496	1,518	1,537
August,	*1,439	1,426	1,492	1,410	1,761	1,650
September,	1,270	1,387	1,292	1,240	1,408	1,342
Total third quarter,	4,340	4,548	4,196	4,146	4,687	4,529

The death rate was 13.8 for the large towns, for the small towns 12.2, and for the whole State 13.5.

The deaths reported from infectious diseases were 180, being 14.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Bridgewater, 1; Clinton, 1; Enfield, 2; Meriden (city), 1; Newtown, 2; Windsor, 4.—Total, 12 in 7 towns.

**Scarlet Fever.**—Andover, 1; Berlin, 1; Bridgeport, 3; Cromwell, 2; East Windsor, 3; Hartford, 25; Lebanon, 2; Lyme, 1; Manchester, 3; Meriden, 6; Middletown (town), 6; Naugatuck, 3; New Britain, 5; New Haven, 8; New London, 6; Norwich (town), 3; Norwich (city), 3; Orange, 1; Stamford, 2; Thompson, 2; Waterbury, 2; Willimantic, 1; Windsor, 2.—Total, 91 in 23 towns.

**Cerebro-Spinal Fever.**—Manchester, 1.

**Infantile Paralysis.**—Greenwich, 1; Hartford, 1; New Haven, 10; Newtown, 1; Waterbury, 3.—Total, 16 in 5 towns.

**Diphtheria.**—Ansonia, 3; Branford, 1; Bridgeport, 4; Bristol, 6; Danbury, 1; Darien, 2; Derby, 2; East Granby, 5; East Haddam, 7; East Hartford, 1; East Lyme, 1; East Windsor, 1; Glastonbury, 1; Groton (town), 1; Groton (borough), 2; Hamden, 1; Hartford, 40; Manchester, 5; Meriden, 18; Naugatuck, 1; New Britain, 6; New Hartford, 1; New Haven, 8; New London, 2; Norwich, 2; Orange, 1; Portland, 1; Rockville, 6; Shelton, 6; Southington, 2; Torrington, 28; Waterbury, 12; Wethersfield, 1; Willimantic, 1; Winchester, 1.—Total, 181 in 35 towns.

**Whooping Cough.**—Columbia, 6; Cornwall, 1; Darien, 2; Eastford, 1; Hartford, 2; Mansfield, 1; Morris, 1; Voluntown, 1; Wallingford, 2; Willington, 20.—Total, 37 in 10 towns.

**Typhoid Fever.**—Ansonia, 4; Bridgeport, 1; Bristol, 9; Canaan, 1; Chester, 1; Derby, 2; East Haddam, 1; East Hartford, 1; East Lyme, 1; Enfield, 1; Greenwich, 3; Groton (town), 2; Groton (borough), 1; Guilford, 1; Hamden, 9; Hartford, 45; Harwinton, 8; Huntington, 1; Manchester, 4; Meriden, 4; Middletown (town), 6; Middletown (city), 1; Milford, 1; Naugatuck, 2; New Britain, 2; New Haven, 40; New London 3; Norwalk (town), 1; Norwalk (city), 2; Norwich (town), 1; Norwich (city), 1; Oxford, 1; Plainfield, 5; Pomfret, 6; Portland, 1; Putnam, 2; Ridgefield (town), 2; Rockville, 1; Rocky Hill, 1; Shelton, 1; Simsbury, 1; South Norwalk, 1; Stamford (town), 1; Stratford, 1; Torrington, 22; Wallingford, 2; Waterbury, 23; Waterford, 1; Watertown, 4; West Hartford, 1; Wethersfield, 2; Willimantic, 2; Wilton, 1; Winchester, 1; Windsor Locks, 1; Winsted, 2; Woodbury, 1; Woodstock, 1.—Total, 453 in 58 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 2; Canaan, 4; Colchester, 1; Greenwich, 1; Hamden, 2; Hartford, 21; Madison, 1; Meriden, 2; Middletown (city), 1; New Britain, 9; New Haven, 12; New London, 4; New Milford, 1; Norwalk, 2; Norwich, 3; Plymouth, 1; Preston, 2; Putnam, 1; Rockville, 1; Salisbury, 1; Simsbury, 1; Southington, 1; South Norwalk, 2; Stafford Springs, 1; Stonington, 1; Thomaston, 1; Wallingford, 2; Waterbury, 18; Watertown, 1; Willimantic, 1; Winchester, 1; Windsor, 1.—Total, 104 in 33 towns.

In addition to the above the Health Officers of eighty-four towns report that they have not been notified of any infectious diseases.

\* Eighteen delayed certificates for August have been received since the publication of the last Bulletin.

† Including twenty-seven non-residents in Hospitals.

‡ Including seven non-residents in Hospitals.

All the Health Officers of New Haven, New London, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Granby, South Windsor.

FAIRFIELD Co.—New Fairfield.

LITCHFIELD Co.—Kent.

MIDDLESEX Co.—Durham.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Mansfield, 1; Thomaston, 1.

**Diphtheria.**—East Haddam, 1; East Lyme, 1.

**Malarial Fever.**—Berlin, 1; Madison, 1.

**Consumption.**—Brooklyn, 1; Canaan, 1; Canton, 1; Chester, 1; Griswold, 1; Litchfield, 1; Morris, 1; New Hartford, 1; Newington, 4; Roxbury, 1; Salisbury, 1; Thomaston, 1; Willington, 1; Windsor, 1; Windsor Locks, 2.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis .....	23	133	2
release .....	15	34	..
Tuberculosis .....	34	72	..
Typhoid Fever .....	46	64	3
Malaria .....	..	8	..
Gonorrhea .....	..	1	..
Glanders .....	..	2	..
Anthrax .....	..	1	..
Total specimens examined .....			438
Samples of milk analyzed .....			339
“ “ water examined .....			45
Sewage and effluents examined .....			6
Samples of oil examined .....			4

## GLANDERS.

Glanders or farcy is an infectious disease, either acute or chronic, caused by a specific micro-organism, the bacillus Mallei. The term glanders is applied to the disease when it appears in the head and farcy when on the skin, but both are caused by the same bacillus. It is particularly a disease of the horse, mule or ass, but communicable to sheep, cats, dogs and mice; cows and swine enjoy an immunity. The disease is rare in man, but may be seen in stablemen or others who work about horses. It may be more common than we know, as such cases being recorded as mixed infection, pyæmia, erysipelas, syphilis, etc.

The disease when chronic is very difficult to diagnose, manifesting itself in various forms and easily confounded with other diseases. This has in the past been one of the most difficult tasks confronting the veterinarian. We have now special diagnostic methods which should be used when in doubt. These are the complement fixation test, the agglutination blood test and the Mallein test, the latter being analogous to the use of tuberculin in tuberculosis. Our laboratory is now considering plans and hopes soon to announce that it will make the complement fixation test for veterinarians.

There is no doubt that glanders has been on the increase in Connecticut during the past few years, making it necessary to adopt some intelligent policy having in view its control and ultimate eradication. There must be as early a diagnosis as possible, followed by the destruction or quarantine of the infected animal with a thorough disinfection or renovation of the stable occupied by it. The public watering troughs are no doubt an important factor in the spread of the disease and should receive more attention than is now shown them. Health officers or other officials should see that they are cleaned and disinfected at frequent intervals. At times when the disease is epidemic their use should be altogether discontinued.

There are on the market various forms of sanitary drinking fountains which have been installed in some cities. These usually provide for a direct and rapid flow of water from the inlet to the waste pipe, so that any mucous secretion in the water is carried off at once and not left to infect the next horse that may drink.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics

HARTFORD, October 16, 1911.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	78	55	66	.00	Clear	53	30.06	30.43; date 23
2	83	63	73	.00	Clear	56	29.63	date 12
3	79	61	70	.00	Clear	81		
4	76	52	64	.00	Clear	81		
5	76	53	64	.00	Partly Cloudy	36		
6	82	66	74	.08	Partly Cloudy	60		
7	68	60	64	T.	Cloudy	2		
8	60	56	58	.01	Cloudy	0		
9	59	55	57	.25	Cloudy	0		
10	81	59	70	T.	Clear	75		
11	73	59	66	.25	Cloudy	9		
12	79	54	66	.00	Partly Cloudy	40		
13	57	42	50	.00	Partly Cloudy	64		
14	64	37	50	.00	Clear	71		
15	64	46	55	.08	Cloudy	0		
16	79	62	70	.00	Cloudy	24		
17	72	55	64	.00	Partly Cloudy	84		
18	73	56	64	.00	Partly Cloudy	55		
19	78	57	68	.00	Partly Cloudy	77		
20	79	56	68	.00	Partly Cloudy	55		
21	77	51	64	.02	Clear	78		
22	78	61	70	.27	Partly Cloudy	66		
23	78	54	66	.00	Partly Cloudy	55		
24	78	56	67	.02	Partly Cloudy	34		
25	82	65	74	.12	Cloudy	29		
26	70	48	59	.21	Partly Cloudy	40		
27	62	42	52	.06	Cloudy	0		
28	61	44	52	.00	Clear	82		
29	53	39	46	.63	Cloudy	0		
30	59	46	52	.00	Clear	69		
Mean	72	54	63	2.00		46		

MEAN FOR THIS MONTH IN						
1905-63°	1906-66°	1907-64°	1908-65°	1909-62°	1910-64°	1911-63°
Mean for this month	62.8°					
Normal for this month	61.7°					
Absolute maximum for this month for 7 years	92°-11					
Absolute minimum for this month for 7 years	36°-11					
Average daily excess of this month as compared with the normal	1.1°					
Accumulated excess (+) since January 1	434.2°					
Average daily excess (+) since January 1	1.6°					

PRECIPITATION.	
Total this month	2.00
Greatest precipitation in 24 hours 0.63, date	29

TOTAL PRECIPITATION THIS MONTH IN						
1905-3.43	1906-3.57	1907-11.50	1908-1.12	1909-3.83	1910-3.41	1911-2.00
Normal for this month	3.50					
Deficiency (—) of this month as compared with the normal	1.50					
Accumulated deficiency (—) since January 1	7.28					

WIND.	
Prevailing direction	North
Total movement	4,935 miles
Average hourly velocity	6.8
Maximum velocity (for five minutes) 27 miles per hour, from S on 15th.	

WEATHER	
Number of days, clear	9
Partly cloudy	12
Cloudy	9
On which .01 inch, or more, occurred	12

MISCELLANEOUS PHENOMENA (dates of).	
Auroras	None
Halos, solar	None
Halos, lunar	None
Hail	None
Sleet	None
Fog	10
Thunderstorms	8, 25
*Frost :.....Light, 27, 29;.....Heavy, 14;.....Killing, None	

NOTE.—"T" indicates trace of precipitation.

\* FROSTS are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

Mean monthly relative humidity, 77 p. c.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1911, and a Statement of the Births and Marriages for the Month of September, 1911.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in September.	Still Births in September.	Marriages in September.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.....	15,209	48	1	10	18	13.3	8	3	1.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	1	1	1	2	.....	10	
Brantford.....	6,081	8	.....	.....	8	7.8	1	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	1	
Bridgeport.....	105,159	278	7	109	96	10.2	24	4	29.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	1	5	6	1	5	7	10	50	
Bristol.....	13,887	31	.....	.....	13	14	12.0	6	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	
Danbury.....	23,904	32	2	29	31	13.5	4	3	22.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	3	12	
Derby.....	9,097	29	2	6	12	10.5	4	1	48.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	
East Hartford.....	8,311	9	.....	.....	8	12	7.3	1	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Enfield.....	10,021	17	1	22	7	8.3	1	.....	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	
Fairfield.....	6,268	16	1	2	6	11.4	2	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Greenwich.....	16,892	27	3	30	27	18.4	7	2	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	
Groton.....	6,548	14	2	7	4	7.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	
Hartford.....	5,972	5	.....	.....	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Hartford.....	100,821	219	9	113	140	13.0	27	10	20.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Huntington.....	6,642	11	.....	.....	5	12	12.0	1	2	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Killingly.....	6,537	9	.....	.....	9	8	14.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Manchester.....	13,945	32	1	13	6	5.1	2	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Meriden.....	32,403	48	1	25	49	16.2	5	1	12.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Middletown.....	21,075	37	1	10	20	9.1	3	.....	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Naugatuck.....	12,998	37	1	5	5	4.0	1	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
New Britain.....	45,487	135	2	55	32	8.6	6	9	47.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
New Britain.....	136,162	314	16	131	177	14.0	45	6	28.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
New London.....	19,870	44	1	30	36	21.1	4	1	13.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
New Milford.....	2,638	11	3	24	32	14.1	4	1	15.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Norwalk.....	28,577	38	1	22	36	13.8	12	1	31.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Norwalk.....	11,699	12	1	8	6	6.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Orange.....	6,098	17	.....	.....	8	10	17.3	4	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Plainfield.....	5,240	17	.....	.....	2	5	11.4	2	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Plymouth.....	7,274	13	.....	.....	4	7	11.5	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Punam.....	6,157	16	.....	.....	4	10	18.2	2	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Southington.....	5,326	17	.....	.....	1	7	15.7	2	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Stafford.....	29,835	68	2	56	37	14.4	7	.....	19.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Stamford.....	5,017	16	1	5	10	10.1	1	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Stratford.....	17,278	17	1	10	23	15.9	3	3	26.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Torrington.....	9,147	20	.....	.....	9	14	18.3	2	35.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Vernon.....	11,370	22	2	9	10	10.5	1	1	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Wallingford.....	75,341	207	10	56	78	11.4	16	6	28.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Waterbury.....	8,770	18	1	8	16	19.1	3	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Winchester.....	12,850	32	2	13	21	14.0	2	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	
Windham.....	904,444	1982	75	895	1061	14.0	214	67	26.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Total of the 40 above towns, .....	221,438	367	18	138	205	14.3	36	11	17.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
122 towns of less than 5,000 inhabitants, .....	1,125,882	2340	93	1033	1326	14.1	250	78	24.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Total reported from 162 towns, .....	8,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting, .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 15; in Danbury, 6; in Greenwich, 6; in Hartford, 77; in Huntington, 6; in Meriden, 14; in Middletown, 13; in New Britain, 3; in New Haven, 55; in New London, 5; in Norwich, 8; in Norwalk, 3; in Punam, 2; in Stamford, 3; in Torrington, 8; in Waterbury, 24; in Winchester, 3; and in Windham, 9. Non-residents in these are deducted from the total mortality of their respective towns, estimating the deaths of non-residents at the same rate as in the towns. The following towns are reported as having no deaths in October: Ashford, Bethlehem, Bozrah, Bridgewater, Canaan, Chaplin, Chatham, Cheshire, Clinton, East Granby, East Haddam, Goshen, Kent, Ledyard, Mansfield, Marlborough, New Fairfield, North Haven, Prospect, Roxbury, Salem, Saybrook, Scotland, Tolland, Union, Warren, Willington, Woodbridge.—Total, 28.

The Registrars of the following towns have made no report for October: Barkhamsted, Cornwall, Hartland, Middlefield, Trumbull, Waterford.—Total, 6.

# REMARKS.

By mortality reports received there were 1,326 deaths during the month of October. This was 43 more than in September and 54 less than in October of last year, and 36 more than the average number of deaths during October for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,329	1,404
June,	1,172	1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July,	1,631	1,735	1,412	1,496	1,518	1,537
August,	*1,440	1,426	1,492	1,410	1,761	1,650
September,	*1,283	1,387	1,292	1,240	1,408	1,342
Total third quarter,	4,354	4,548	4,196	4,146	4,687	4,529
October,	1,326	1,380	1,236	1,215	1,334	1,286

The death rate was 14.0 for the large towns, for the small towns 14.3, and for the whole State 14.1.

The deaths reported from infectious diseases were 188, being 14.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 1; Columbia, 1; Enfield, 2; Greenwich, 1; Hartford, 4; New London, 1; Stamford (city), 1; Stonington, 2; Torrington, 5; Waterbury, 1; Windsor, 1.—Total, 20 in 11 towns.

**Scarlet Fever.**—Andover, 1; Berlin, 1; Bridgeport, 5; Bristol, 1; Chaplin, 2; Chatham, 1; Cromwell, 10; Danbury (city), 1; East Windsor, 1; Greenwich, 1; Groton, 1; Hamden, 2; Hartford, 26; Madison, 1; Mansfield, 1; Meriden (city), 6; Meriden (town), 2; Middletown, 3; Naugatuck, 1; New Britain, 1; New Haven, 35; New London, 2; Norwich (city), 1; Norwich (town), 3; Orange, 2; Plainfield, 1; Redding, 1; Rockville (city), 1; Stamford (city), 5; Stratford, 1; Suffield, 1; Waterbury, 6.—Total, 127 in 32 towns.

**Cerebro-Spinal Fever.**—New Britain, 1; New Canaan, 4.—Total, 5 in 2 towns.

**Infantile Paralysis.**—Greenwich, 3; Meriden (city), 1; New Haven, 3.—Total, 7 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 1; Beacon Falls, 1; Bridgeport, 14; Bristol, 2; Cheshire, 1; Danbury (city), 12; Danbury (town), 1; Derby, 7; East Hartford, 2; East Windsor, 6; Ellington, 2; Farmington, 1; Groton, 4; Hartford, 51; Huntington, 1; Manchester, 1; Meriden (city), 9; Middletown (city), 4; Middletown (town), 4; Milford, 1; Naugatuck, 1; New Britain, 5; New Hartford, 3; New Haven, 27; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 11; Orange, 2; Plymouth, 1; Pomfret, 2; Portland, 1; Preston, 1; Putnam, 1; Rockville (city), 19; Seymour, 2; Shelton (borough), 1; Southington, 2; Stratford, 1; Suffield, 3; Torrington, 16; Wallingford, 10; Waterbury, 12; Willimantic (city), 3; Windsor, 1.—Total, 252 in 44 towns.

**Whooping Cough.**—Chatham, 1; Haddam, 2+; Hartford, 1; Jewett City (borough), 2; Kent, 2; Lebanon, 15; Manchester, 3; New Canaan, "epidemic"; Redding, 40; Stamford (city), 1; Voluntown, "number of cases"; Waterbury, 1.—Total, 68+ in 12 towns.

**Typhoid Fever.**—Ansonia, 18; Ashford, 1; Bridgeport, 5; Bristol, 3; Brookfield, 1; Columbia, 1; Danbury (city), 1; Derby, 2; East Granby, 1; East Haddam, 1; East Hartford, 1; Enfield, 3; Fairfield, 1; Greenwich, 2; Groton (borough), 2; Hamden, 2; Hampton, 1; Hartford, 25; Hartland, 1; Harwinton, 2; Jewett City (borough), 1; Killingly, 1; Madison, 1; Manchester, 2; Meriden (city), 3; Middletown (city), 2; Milford, 1; New Britain, 4; New Haven, 32; Newington, 1; New London 1; North Branford, 1; North Haven, 2; Norwalk (city), 1; Orange, 3; Plainfield, 2; Pomfret, 2; Putnam, 1; Salisbury, 2; Stamford (city), 1; Torrington, 54; Wallingford, 1; Waterbury, 15; Watertown, 5; Willimantic (city), 3; Windham, 4; Windsor Locks, 1; Woodbury, 1.—Total, 222 in 48 towns.

**Consumption.**—Ansonia, 3; Branford, 1; Bridgeport, 17; Darien, 1; East Haven, 1; Greenwich, 2; Hamden, 2; Hartford, 17; Meriden (city), 4; Middletown (city), 1; Middletown (town), 1; New Britain, 7; New Haven, 15; New London, 2; New Milford, 1; Norwalk, 1; Norwich (city), 1; Orange, 1; Preston, 1; Putnam, 2; Rockville (city), 2; Salisbury, 3; Sharon, 2; Shelton (borough), 1; South Norwalk (city), 2; South Windsor, 1; Stamford (city), 1; Vernon, 1; Wallingford, 1; Waterbury, 9; Willimantic (city), 1.—Total, 105 in 31 towns.

In addition to the above the Health Officers of eighty-four towns report that they have not been notified of any infectious diseases.

\* One delayed certificate for August and thirteen for September have been received since the publication of the last Bulletin.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

LITCHFIELD Co.—Canaan.

MIDDLESEX Co.—Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

La Grippe.—Hampton, 1.

Cerebro-Spinal Fever.—New Canaan, 1.

Diphtheria and Croup.—Beacon Falls, 1; Ellington, 1; Farmington, 1.

Whooping Cough.—Columbia, 1; Voluntown, 1.

Typhoid Fever.—East Lyme, 1; Suffield, 1.

Consumption.—Canterbury, 1; Coventry, 1; Darien, 1; Durham, 1; East Haven, 1; Montville, 1; Newington, 4; Norfolk, 1; North Branford, 1; Preston, 1; Salisbury, 1; Sprague, 1; Thompson, 1; West Hartford, 1; Wethersfield, 1; Windsor Locks, 1; Woodstock, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.
Diphtheria, diagnosis .....	90	287	.. 377
release .....	33	42	.. 75
Tuberculosis .....	38	77	.. 115
Typhoid Fever .....	51	54	3 108
Malaria .....	1	15	.. 16
Rabies .....	..	3	.. 3
Glanders .....	..	1	.. 1
Miscellaneous .....	2	8	.. 10

Total specimens examined .....	795
Samples of milk analyzed .....	342
" " water examined .....	58
Sewage and effluents examined .....	2
Samples of oil examined .....	4

## DISTRIBUTION OF DIPHTHERIA AND TETANUS ANTITOXINS.

The Legislature just before its final adjournment appropriated eight thousand dollars to carry out the provisions of Chapter 161, Public Acts of 1911, concerning the free distribution of antitoxins, and in compliance with this Act the State Board of Health has contracted with the H. K. Mulford Co. of Philadelphia to furnish their products.

The antitoxin is to be distributed through the general drug trade. When a physician wishes to use the antitoxin, he is to secure an order from the health officer of the town in which it is to be used. If this order is then presented to a druggist dealing in Mulford's goods, it will be supplied from his regular stock. The Mulford Company will in a few days send to all health officers a supply of order blanks, as well as a list of the distributing stations in their neighborhood. This will be the general plan of distribution, although it may have to be varied to accommodate some localities.

For the present only diphtheria and tetanus antitoxins will be furnished, as it is not thought that our appropriation will be more than sufficient for that purpose.

## REGULATION CONCERNING THE USE OF THE COMMON DRINKING CUP.

In accordance with the provisions of Chapter 96 of the Public Acts of 1911 the State Board of Health has adopted the following regulation:

It shall be unlawful on and after January 1, 1912 to provide a common drinking cup in, or upon the premises of, any public building, hotel, restaurant, theatre, public hall, schoolhouse or store; and in any public park, street, railroad car or steamboat.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, November 15, 1911.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE.	
	Max.	Min.	Mean.				(Reduced to sea level; inches and hundredths.)	
1	57	42	50	.97	Cloudy	1	Mean	30.10; highest 30.56; date 25
2	55	45	50	.22	Cloudy	1	Lowest	29.57; date 4
3	61	39	50	.00	Clear	93	TEMPERATURE.	
4	67	49	58	.23	Cloudy	0	Highest	71°; date 10; lowest 31°; date 29
5	62	48	55	.00	Partly Cloudy	44	Greatest daily range	31°; date 9
6	58	42	50	.05	Cloudy	34	Least daily range	5°; date 21
7	44	37	40	.34	Cloudy	0	Mean highest	60.5°; lowest 43.0°
8	59	33	46	.00	Partly Cloudy	81	MEAN FOR THIS MONTH IN	
9	70	39	54	.00	Clear	81	1904-49°	1905-53° 1906-53° 1907-49° 1908-55° 1909-51° 1910-55° 1911-52°
10	71	40	56	.00	Clear	83	Mean for this month	51.8°
11	67	48	58	T.	Cloudy	5	Normal for this month	51.2°
12	68	48	58	.00	Partly Cloudy	61	Absolute maximum for this month for 8 years	90°-11
13	58	41	50	.00	Clear	100	Absolute minimum for this month for 8 years	25°-11
14	65	38	52	.00	Partly Cloudy	64	Average daily excess of this month as compared with the normal	0.6°
15	63	42	52	.00	Cloudy	7	Accumulated excess (+) since January 1	452.8°
16	69	42	56	.00	Partly Cloudy	54	Average daily excess (+) since January 1	1.5°
17	57	44	50	.03	Cloudy	0	PRECIPITATION.	
18	65	53	59	4.01	Cloudy	0	Total this month	7.30
19	62	55	58	.77	Cloudy	0	Greatest precipitation in 24 hours	4.67, date 18-19
20	60	53	56	.00	Cloudy	0	TOTAL PRECIPITATION THIS MONTH IN	
21	55	50	52	.24	Cloudy	0	1904-2.23	1905-2.23 1906-5.54 1907-4.53 1908-1.67 1909-1.40
22	63	53	58	.17	Cloudy	0	1910-0.77	1911-7.30
23	62	48	55	.23	Partly Cloudy	63	Normal for this month	3.86
24	58	44	51	.00	Clear	100	Excess (+) of this month as compared with the normal	3.44
25	61	35	48	.00	Clear	96	Accumulated deficiency (-) since January 1	3.84
26	64	36	50	.00	Partly Cloudy	79	WIND.	
27	53	42	48	.03	Cloudy	60	Prevailing direction	North
28	46	35	40	.00	Partly Cloudy	81	Total movement	4,869 miles
29	55	31	43	.00	Clear	95	Average hourly velocity	6.5
30	61	38	50	.00	Partly Cloudy	89	Maximum velocity (in five minutes)	28 miles per hour,
31	60	43	52	.01	Cloudy	36	from N W on 5th.	
Mean	60	43	52	7.30		45	WEATHER	
							Number of days, clear	7
							Partly cloudy	9
							Cloudy	15
							On which .01 inch, or more, occurred	13
							MISCELLANEOUS PHENOMENA (dates of).	
							Auroras	10
							Halos, solar	14, 26, 27, 30
							Halos, lunar	3, 5, 30
							Hail	None
							Sleet	None
							Fog	10, 16, 22, 26
							Thunderstorms	None
							*Frost	Light, 3; Heavy, ; Killing, 8

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

Mean monthly relative humidity, 79 p. c.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1911, and a Statement of the Births and Marriages for the Month of October, 1911.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in October.	Still Births in October.	Marriages in October.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia, .....	15,399	44	.....	11	9	7.0	4	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	1	1	4			
Brantford, .....	6,081	14	.....	14	9	17.7	5	55.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4			
Bridgeport, .....	105,159	245	14	145	101.0	16	7	22.7	.....	1	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	8			
Bristol, .....	13,587	30	13	12	10.4	2	2	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5			
Danbury, .....	23,904	22	21	24	11.5	3	.....	12.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
Derby, .....	9,097	20	13	10	9.2	4	.....	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
East Hartford, .....	8,311	11	5	3	4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Eastford, .....	10,021	32	1	28	6	7.1	3	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Enfield, .....	6,298	12	1	5	2	3.8	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Fairfield, .....	16,892	40	3	29	12	7.7	2	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
Greenwich, .....	6,548	12	.....	8	4	7.3	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Groton, .....	6,548	12	.....	8	4	7.3	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Hamden, .....	5,972	17	.....	3	4	8.0	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Hartford, .....	100,821	231	8	159	112	10.8	19	10	25.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Hartford, .....	6,642	18	.....	7	9	7.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Huntington, .....	6,537	8	.....	5	11	20.1	1	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Killing J., .....	13,045	25	1	19	16	13.7	5	2	43.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8			
Manchester, .....	32,403	53	3	39	30	13.3	7	17.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14			
Meriden, .....	21,075	35	1	23	30	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10			
Middletown, .....	12,940	32	.....	10	5	4.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
Nagatauck, .....	45,487	128	3	71	43	11.0	10	5	35.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
New Britain, .....	136,162	322	18	167	107	13.3	34	12	27.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
New Haven, .....	19,570	23	1	36	23	13.2	3	1	17.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7			
New London, .....	5,030	6	.....	1	2	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11			
New Milford, .....	24,638	31	1	27	26	12.1	2	1	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
Norwalk, .....	28,577	50	3	40	30	15.5	7	1	20.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0			
Norwich, .....	11,699	14	.....	9	6	6.1	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4			
Orange, .....	6,908	17	1	1	4	6.9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Plainfield, .....	5,240	12	1	9	5	11.4	2	1	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4			
Plymouth, .....	7,274	18	.....	7	10	13.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Pittman, .....	5,240	12	1	9	4	6.9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4			
Southington, .....	5,326	13	.....	9	8	14.5	1	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Stafford, .....	20,335	59	4	10	22.5	2	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Stamford, .....	29,835	59	4	47	20	11.2	6	2	27.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12			
Stonington, .....	9,215	13	1	9	11	14.3	1	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4			
Straford, .....	5,917	8	.....	1	3	6.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2			
Torrington, .....	17,278	29	2	21	9	6.2	1	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5			
Vernon, .....	9,147	16	1	14	12	15.6	1	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3			
Wallingford, .....	11,370	29	1	10	9	9.6	1	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Waterbury, .....	75,341	175	8	59	90	14.0	14	7	23.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5			
Winchester, .....	8,770	17	.....	8	11	13.6	1	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6			
Windham, .....	12,850	29	1	16	11	9.3	1	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1			
Total of the 40 above towns, .....	904,444	1,929	83	11,24	960	12.7	161	59	22.2	.....	1	5	3	5	16	1	4	14	1	2	18	5	73	87	18	93	125	60	429
126 towns of less than 5,000 inhabitants, .....	226,931	274	10	150	226	11.0	26	7	14.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	102	
Total reported from 166 towns, .....	1,131,375	2,203	93	12,74	11,86	12.5	187	66	21.3	.....	1	5	5	6	21	2	5	15	1	2	22	6	94	103	20	129	153	65	531
Population of towns not reporting, .....	2,707	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 2; in Greenwich, 3; in Hartford, 52; in Huntington, 5; in Meriden, 12; in Middletown, 21; in New Britain, 7; in New Haven, 52; in New London, 3; in Norwalk, 4; in Norwich, 2; in Putnam, 2; in Stamford, 5; in Waterbury, 22; in Winchester, 2; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Ashford, Beacon Falls, Berlin, Bethany, Bethlehem, Bozrah, Bridgegewater, Burlington, Canaan, Canterbury, Chatham, Clinton, Cromwell, East Granby, Easton, Glastonbury, Goshen, Guilford, Lebanon, Marlborough, New Fairfield, Norfolk, North Canaan, Oxford, Prospect, Roxbury, Salem, Scotland, South Windsor, Union—Total, 30.

The Registrars of the following towns have made no report for November: Brooklyn, Hartland.—Total, 2.

# REMARKS.

By mortality reports received there were 1,186 deaths during the month of November. This was 159 less than in October, and 66 less than in November of last year, and 254 less than the average number of deaths during November for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,696	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,329	1,404
June,	1,172	1,266	1,216	1,146	1,225	1,248
Total second-quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July,	1,631	1,735	1,412	1,496	1,518	1,537
August,	*1,443	1,426	1,402	1,410	1,761	1,650
September,	1,282	1,387	1,292	1,240	1,408	1,342
Total third quarter,	4,356	4,548	4,106	4,146	4,687	4,529
October,	*1,345	1,380	1,236	1,215	1,334	1,286
November,	1,186	1,252	1,205	1,144	1,241	1,296

The death rate was 12.7 for the large towns, for the small towns 11.0, and for the whole State 12.5.

The deaths reported from infectious diseases were 158, being 13.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 1; Clinton, 1; Enfield, 14; Hartford, 1; Naugatuck, 1; New Canaan, 1; New Haven, 4; New London, 1; Redding, 2; South Norwalk (city), 3; Stafford Springs (borough), 1; Stonington, 7; Torrington, 9; Waterbury, 3; Windsor, 8.—Total, 57 in 15 towns.

**Scarlet Fever.**—Berlin, 1; Bridgeport, 10; Chatham, 3; Cromwell, 3; Derby, 1; East Hartford, 4; East Windsor, 2; Greenwich, 1; Hamden, 2; Hartford, 21; Meriden (city), 8; Middlefield, 1; Middletown (city), 1; Milford, 1; Naugatuck, 4; New Haven, 25; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 2; Orange, 4; Plymouth, 1; Putnam, 1; Rockville (city), 3; Salisbury, 15; Southington, 1; South Norwalk (city), 1; Stafford, 1; Stafford Springs (borough), 11; Stamford (city), 3; Sterling, 1; Stonington, 1; Suffield, 1; Torrington, 1; Washington, 1; Waterbury, 11; Westbrook, 1; Windham, 1; Windsor Locks, 1; Woodbury, 4.—Total, 147 in 37 towns.

**Cerebro-Spinal Fever.**—New Haven, 5; Orange, 1.—Total, 6 in 2 towns.

**Infantile Paralysis.**—New Haven, 1; Wallingford, 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 5; Avon, 1; Beacon Falls, 1; Berlin, 1; Branford, 4; Bridgeport, 12; Cheshire, 1; Chester, 3; Danbury (city), 9; Derby, 3; East Haddam, 1; East Hartford, 1; East Windsor, 4; Greenwich, 2; Groton (town), 4; Hartford, 54; Harwinton, 2; Manchester, 7; Mansfield, 1; Meriden (city), 11; Meriden (town), 1; Middletown (city), 2; Naugatuck, 1; New Britain, 26; New Hartford, 8; New Haven, 22; Newington, 1; New Milford, 1; Norwalk (city), 1; Norwich (city), 7; Old Lyme, 5; Orange, 1; Plainville, 2; Plymouth, 3; Putnam, 2; Rocky Hill, 5; Rockville (city), 7; Salem, 7; Shelton (borough), 1; Simsbury, 2; Somers, 1; Southington, 2; Sprague, 3; Stafford, 7; Stamford (city), 2; Stratford, 1; Torrington, 6; Wallingford, 26; Waterbury, 21; Watertown, 1; West Hartford, 2; Wethersfield, 7; Willimantic (city), 3; Windham, 4; Windsor, 1; Winsted (borough), 1.—Total, 314 in 56 towns.

**Whooping Cough.**—Columbia, 2; Darien, 1; Greenwich, 6; Hartford, 3; Manchester, 5+; Orange, 1; Stamford (city), 5; Willimantic (city), 17.—Total, 40+ in 8 towns.

**Typhoid Fever.**—Ansonia, 5; Bridgeport, 2; Columbia, 7; Danbury (city), 1; Derby, 1; Durham, 1; Eastford, 1; East Haddam, 1; Enfield, 1; Farmington, 1; Groton (borough), 1; Hartford, 24; Manchester, 2; Meriden (city), 2; Middletown (city), 3; Middletown (town), 1; Montville, 1; New Britain, 4; New Canaan, 1; New Haven, 17; New London, 1; Norwalk, 2; Orange, 2; Plainfield, 2; Plymouth, 2; Pomfret, 2; Portland, 2; Putnam, 1; Scotland, 1; Simsbury, 3; Torrington, 5; Wallingford, 1; Waterbury, 6; Willimantic (city), 2; Windham, 6; Windsor Locks, 1.—Total, 116 in 36 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 13; Bridgewater, 1; Canaan, 1; Canton, 1; Columbia, 7; Darien, 1; Derby, 2; Greenwich, 2; Groton (borough), 1; Hartford, 4; Manchester, 1; Meriden (city), 3; Middletown, 1; New Britain, 2; New Haven, 14; New London, 3; New Milford, 1; Norwalk (city), 1; Orange, 1; Plainville, 1; Plymouth, 1; Preston, 3; Putnam, 1; Rockville, 1; Shelton (borough), 1; Simsbury, 1; Southington, 1; South Norwalk (city), 1; South Windsor, 1; Stafford Springs (borough), 1; Stamford (city), 7; Wallingford, 1; Waterbury, 8; Willimantic (city), 2.—Total, 92 in 35 towns.

\*Three delayed certificates for August and nineteen for October have been received since the publication of the last Bulletin.  
† Includes two non-residents in Hospital.

In addition to the above the Health Officers of eighty-three towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Litchfield, Middlesex, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Bristol.  
NEW LONDON Co.—Voluntown.  
FAIRFIELD Co.—Newtown.  
WINDHAM Co.—Ashford.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Durham, 1; Redding, 1.  
**Cerebro-Spinal Fever.**—New Canaan, 1.  
**Diphtheria and Croup.**—Darien, 1; Mansfield, 1; Old Lyme, 1; Plainville, 1; Sprague, 1.—Total, 5.  
**Whooping Cough.**—New Canaan, 1.  
**Typhoid Fever.**—Montville, 1.  
**Consumption.**—Avon, 1; Bloomfield, 1; Darien, 1; East Lyme, 1; Milford, 1; Newington, 1; Newtown, 2; Portland, 1; Preston, 1; Salisbury, 1; Thomaston, 2; Thompson, 1; Waterford, 1; Watertown, 1; West Hartford, 1; Wethersfield, 1; Windsor, 1; Woodbridge, 1; Woodstock, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	112	390	11	513
release .....	77	96	3	176
Tuberculosis .....	36	102	..	138
Typhoid Fever .....	30	37	4	71
Malaria .....	0	5	..	5
Rabies .....	0	1	..	1
Glanders .....	1	9	..	10
Miscellaneous .....	0	2	..	2

Total specimens examined .....	916
Samples of milk analyzed .....	291
" " water examined .....	29
Sewage and effluents examined .....	4
Samples of oil examined .....	4

## TYPHOID VACCINATION IN THE TORRINGTON EPIDEMIC.

Torrington has a population of about 17,000 people. Early in September typhoid fever broke out, the cause of which has been traced to an infected water supply. Two hundred and twenty-seven cases of typhoid were reported in September, 54 in October, and 5 in November, a total of 286 cases with 29 deaths, not including cases infected there and taken sick elsewhere. Of the 59 cases taken sick in October and November nearly if not all of them were secondary cases. Torrington has no hospital and the nearby cities of Waterbury, Winsted and Hartford gave such help as they could. The borough had a difficult situation confronting it, which was ably met by the borough officials, physicians and citizens. The Parish House of the Episcopal church was offered for use as a hospital and served admirably for the purpose. There about one hundred and twelve patients were treated. Eighty trained nurses were employed by the borough, some in the hospital and others distributed among private families.

At the onset of the epidemic some of the physicians advocated typhoid vaccination and between three and four hundred inoculations were made. The cases were all carefully selected and no inoculations were given to persons with fever or any indication of ill health. The physicians report that the usual history was a slight chill and rise of temperature 99°-100° with indefinite aches in the back and limbs for about twelve hours, and local swelling and soreness at site of inoculation. Some had no reaction whatever, and only in a few cases were the individuals indisposed for two or three days. The usual technique was followed, the inoculations being given ten days apart. No cases of typhoid occurred among the vaccinated except one man who developed the fever after his second inoculation and ran a mild and very short case of typhoid. Forty-five of the eighty nurses were vaccinated, the others refused it. Two cases developed among the unvaccinated nurses. One physician writes that at the outbreak of the epidemic he inoculated himself, wife and two children, and added, "None of us experienced any ill effect and all had a feeling of safety in the depression and panic that pervaded the community".

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, December 15, 1911.



## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	58	38	48	.06	Cloudy	14	Mean	Lowest
2	45	30	38	T.	Partly Cloudy	60	30.02; highest	30.50; date 3
3	44	27	36	.00	Partly Cloudy	70	29.35; date 18	
4	49	32	40	.00	Partly Cloudy	56		
5	54	32	43	.00	Clear	75		
6	54	32	43	.44	Cloudy	31		
7	63	43	53	.21	Partly Cloudy	77		
8	51	43	47	T.	Partly Cloudy	72		
9	48	33	40	T.	Partly Cloudy	64		
10	48	42	45	.04	Cloudy	0		
11	64	36	50	.00	Clear	68		
12	67	32	50	.44	Cloudy	32		
13	33	27	30	.00	Clear	100		
14	38	23	30	.15	Cloudy	56		
15	43	31	37	.67	Partly Cloudy	50		
16	38	25	32	T.	Partly Cloudy	70		
17	41	24	32	.01	Cloudy	64		
18	50	33	42	1.22	Cloudy	7		
19	42	37	40	.00	Partly Cloudy	41		
20	43	31	37	.01	Cloudy	40		
21	40	30	35	T.	Cloudy	28		
22	34	25	30	.00	Clear	100		
23	45	23	34	.00	Partly Cloudy	90		
24	47	37	42	.80	Cloudy	0		
25	37	25	31	.00	Partly Cloudy	59		
26	43	29	36	.00	Partly Cloudy	59		
27	52	35	44	.00	Partly Cloudy	86		
28	58	35	46	.00	Cloudy	2		
29	58	31	44	.00	Cloudy	0		
30	39	24	32	.00	Clear	100		
31								
Mean	48	32	40	4.18		52		

NOTE.—"T" indicates trace of precipitation.

\* Frosts are not recorded after the occurrence of "killing," except in Florida and along the immediate coast of the Gulf of Mexico.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 71 p. c

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1911



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1911, and a Statement of the Births and Marriages for the Month of November, 1911.

Total Estimated population of the State is 1,134,082.

TOWNS.		Estimated Population.	Living Births in November.	Still Births in November.	Marriages in November.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Periperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,399	42	20	15	11.7	8	1	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Brantford, .....	6,081	9	3	5	9.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport, .....	105,159	243	120	120	13.3	15	9	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bristol, .....	13,587	28	11	12	10.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury, .....	23,904	42	19	26	11.1	5	1	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Derry, .....	9,097	32	10	14	17.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford, .....	8,811	9	8	7	10.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Enfield, .....	10,021	36	3	29	13.5	3	2	38.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield, .....	6,298	9	2	3	5.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich, .....	16,892	21	25	18	12.0	3	2	37.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton, .....	6,548	9	1	3	12.1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford, .....	5,972	14	4	11	22.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford, .....	100,821	237	156	134	13.4	19	10	21.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartington, .....	6,642	13	5	11	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingly, .....	6,337	12	1	4	5.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester, .....	13,945	25	14	14	12.0	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middleton, .....	32,493	73	29	41	11.4	4	4	19.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown, .....	21,075	38	24	27	10.8	1	3	14.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nagawick, .....	12,949	26	16	6	5.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain, .....	45,487	132	.....	52	34	8.8	6	35.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Haven, .....	136,162	318	13	129	101	13.3	21	15	22.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London, .....	19,870	44	19	23	13.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford, .....	5,030	10	5	5	11.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk, .....	24,038	38	31	32	15.0	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich, .....	28,577	57	19	30	11.7	3	2	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	11,099	16	.....	15	13.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield, .....	6,908	7	6	5	8.6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth, .....	5,240	13	.....	4	4.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pittman, .....	7,274	4	2	7	17.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington, .....	6,578	12	1	4	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford, .....	5,320	12	39	52	20.0	9	2	21.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford, .....	29,935	73	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stonington, .....	9,215	12	.....	1	16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford, .....	5,912	13	.....	28	16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington, .....	17,275	13	21	16	11.1	6	1	43.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon, .....	9,447	15	1	7	10.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallingford, .....	11,370	15	1	9	4.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury, .....	75,341	166	5	70	98	14.4	19	8	27.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester, .....	8,770	16	1	7	10.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham, .....	12,850	28	1	20	14	13.0	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 40 above towns, .....	904,444	1937	61	854	1059	14.0	154	75	21.6	.....	4	5	7	1	22	7	5	7	.....	3	18	4	86	123	19	109	113	80	446	.....	.....	
125 towns of less than 5,000 inhabitants, .....	224,955	336	12	135	281	14.9	51	14	23.1	.....	1	.....	4	.....	2	1	1	1	.....	1	4	3	27	31	9	32	33	13	118	.....	.....	
Total reported from 165 towns, .....	1,129,399	2273	73	989	1340	14.2	205	89	21.9	.....	5	5	11	1	24	8	6	8	.....	4	22	7	113	154	28	141	146	93	564	.....	.....	
Population of towns not reporting, .....	4,683	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

The Mortality in Public Institutions of the State was: in Bridgeport, 24; in Danbury, 4; in Derby, 1; in Greenwich, 6; in Hartford, 68; in Huntington, 7; in Meriden, 14; in Middletown, 11; in New Britain, 10; in New Haven, 51; in New London, 3; in Norwalk, 5; in Norwich, 4; in Putnam, 1; in Stamford, 4; in Waterbury, 33; in Winchester, 1; and in Windham, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in December: Bartholomew, Bethel, Chatham, Chester, Colebrook, Columbia, Eastford, East Granby, Franklin, Goshen, Granby, Hampton, Hartland, Kent, Killingworth, Mansfield, Middlefield, Monroe, Morris, North Haven, Plainville, Plainville, Poultney, Prospect, Salem, Sherman, Southbury, Trumbull, Union, Warren, Wolcott, Woodbridge.—Total, 33.

The Registrars of the following towns have made no report for December: Brooklyn, Ledyard, Redding.—Total, 3.

# REMARKS.

By mortality reports received there were 1,340 deaths during the month of December. This was 149 more than in November, and 235 less than in December of last year, and 108 less than the average number of deaths during December for the five years preceding.

	1911	1910	1909	1908	1907	1906
January,	1,760	1,498	1,366	1,557	1,606	1,340
February,	1,556	1,421	1,313	1,515	1,519	1,235
March,	1,691	1,632	1,572	1,456	1,572	1,489
Total first quarter,	5,007	4,551	4,251	4,528	4,787	4,064
April,	1,678	1,509	1,501	1,330	1,420	1,430
May,	1,435	1,417	1,330	1,204	1,329	1,404
June,	1,172	1,266	1,216	1,146	1,225	1,248
Total second quarter,	4,285	4,192	4,047	3,680	3,974	4,082
July,	*1,632	1,735	1,412	1,496	1,518	1,537
August,	1,443	1,426	1,492	1,410	1,761	1,650
September,	*1,283	1,387	1,292	1,240	1,408	1,342
Total third quarter,	4,358	4,548	4,196	4,146	4,687	4,529
October,	*1,346	1,380	1,236	1,215	1,334	1,286
November,	1,191	1,252	1,265	1,144	1,241	1,296
December,	1,340	1,575	1,465	1,280	1,442	1,481
Total fourth quarter,	3,877	4,207	3,966	3,639	4,017	4,063
Total for year,	17,527	17,498	16,460	15,993	17,465	16,178

The death rate was 14.0 for the large towns, for the small towns 14.9, and for the whole State 14.2.

The deaths reported from infectious diseases were 339, being 25.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ellington, 1; Enfield, 20; Farmington, 1; Hartford, 7; Monroe, 1; New Canaan, 2; New Haven, 27; Norwalk (town), 6; Norwalk (city), 15; Orange, 1; Plymouth, 1; Ridgefield, 1; Sharon, 7; Somers, 2; Southbury, 1; Southington, 1; South Norwalk (city), 26; Stafford Springs (borough), 1; Stamford (city), 2; Stonington, 13; Torrington, 5; Waterbury, 5; Waterford, 1; Westbrook, 1.—Total, 148 in 24 towns.

**Scarlet Fever.**—Ansonia, 1; Branford, 1; Bridgeport, 13; Bristol, 1; Chatham, 4; Cromwell, 6; Danielson (borough), 1; East Hartford, 1; Essex, 2; Fairfield, 4; Greenwich, 2; Groton, 1; Haddam, 9; Hamden, 2; Hartford, 33; Huntington, 1; Meriden (city), 5; Middletown (city), 1; Naugatuck (borough), 8; New Britain, 5; New Haven, 14; Newington, 2; New London, 6; Norwalk (city), 2; Orange, 3; Pomfret, 1; Rockville (city), 1; Salisbury, 50; Southington, 1; Stafford, 2; Stafford Springs (borough), 15; Stamford (city), 6; Stratford, 4; Torrington, 1; Wallingford, 1; Washington, 1; Waterbury, 18; Wethersfield, 2; Willimantic (city), 1; Windsor Locks, 1; Winsted (borough), 1.—Total, 234 in 41 towns.

**Cerebro Spinal Fever.**—Bristol, 1; Greenwich, 1.—Total, 2.

**Infantile Paralysis.**—Waterbury, 1.—Total, 1.

**Diphtheria and Croup.**—Ansonia, 7; Barkhamsted, 1; Bozrah, 1; Branford, 1; Bridgeport, 15; Bristol, 2; Chester, 2; Danbury (city), 3; Derby, 2; East Haddam, 2; East Hartford, 3; East Lyme, 1; East Windsor, 3; Glastonbury, 1; Greenwich, 4; Hartford, 41; Killingly, 1; Manchester, 2; Meriden (town), 7; Meriden (city), 7; Middlefield, 1; Middletown (town), 1; Middletown (city), 5; Naugatuck (borough), 1; New Britain, 18; New Haven, 24; Newington, 1; Norwalk (town), 1; Norwalk (city), 6; Orange, 5; Plymouth, 2; Preston, 1; Rocky Hill, 2; Rockville (city), 5; Shelton (borough), 3; Stafford, 2; Stafford Springs (borough), 3; Stamford (city), 4; Stonington, 2; Stratford, 1; Suffield, 2; Thompson, 1; Torrington, 2; Wallingford, 8; Washington, 4; Waterbury, 22; Waterford, 1; West Hartford, 2; Westport, 1; Wethersfield, 1; Willimantic (city), 2; Willington, 1.—Total, 237 in 52 towns.

**Whooping Cough.**—Ansonia, 3; Bridgeport, 4; Darien, 2; Essex, 1; Greenwich, 1; Groton, 5; Hartford, 10; Jewett City (borough), 2; Lisbon, 2; Meriden (city), 1; Middletown (city), 25; Milford, 6; North Canaan, 3; Ridgefield, 2; Stamford (city), 3; Windham "epidemic"; Windsor, 1.—Total, 71 in 17 towns.

**Typhoid Fever.**—Branford, 2; Bridgeport, 2; Bridgewater, 1; Bristol, 2; Cornwall, 1; Danbury (city), 2; East Haven, 1; Greenwich, 2; Groton (borough), 1; Hartford, 6; Middletown (city), 2; Naugatuck (borough), 1; New Britain, 2; New Canaan, 1; New Haven, 7; Norwalk (city), 2; Plymouth, 1; Torrington, 13; Wallingford, 1; Waterbury, 3; Windham, 3; Winsted (borough), 1.—Total, 57 in 22 towns.

**Consumption.**—Ansonia, 3; Avon, 1; Bridgeport, 21; Bridgewater, 1; Bristol, 2; Canaan, 1; Danbury (city), 1; Hamden, 1; Hartford, 3; Lisbon, 1; Manchester, 3; Marlborough, 1; Meriden (town), 2; Montville, 1; Naugatuck (borough), 2; New Britain, 6; New Canaan, 1; New Haven, 36; New London, 1; New Milford, 1; Norwalk (city), 1;

Norwich (city), 2; Orange, 1; Seymour, 1; Southbury, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 5; Thomaston, 1; Waterbury, 8; Westport, 1; Willimantic (city), 2.—Total, 113 in 32 towns.

In addition to the above the Health Officers of eighty towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Simsbury.  
FAIRFIELD Co.—New Fairfield, Redding.  
LITCHFIELD Co.—Watertown.  
MIDDLESEX Co.—Saybrook.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Bozrah, 1; Old Saybrook, 1; Thompson, 1; Westport, 1.—Total, 4.

**Measles.**—Glastonbury, 1.

**Diphtheria and Croup.**—East Windsor, 1; Glastonbury, 1.—Total, 2.

**Whooping Cough.**—South Windsor, 1.

**Typhoid Fever.**—Durham, 1.

**Consumption.**—Avon, 1; Bridgewater, 1; Griswold, 2; Lisbon, 1; Montville, 1; Newington, 10; Newtown, 1; Preston, 1; Salisbury, 1; Simsbury, 2; Sprague, 1; Thompson, 1; Waterford, 2; Westport, 1; Windsor, 1.—Total, 27.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	76	393	4	473
release .....	67	85	1	153
Tuberculosis .....	25	101	..	126
Typhoid Fever .....	17	42	2	61
Malaria .....	0	7	..	7
Rabies .....	0	1	..	1
Glanders .....	0	3	..	3
Feces for Typhoid .....	0	2	..	2
Paratyphoid .....	1	0	..	1
Anthrax .....	..	1	..	1
Total specimens examined .....				828
Samples of milk analyzed .....				257
" " water examined .....				31
Sewage and effluents examined .....				7
Samples of oil examined .....				4

## VITAL STATISTICS FOR 1911.

With the possible exception of a few delayed certificates, the vital statistics returns for the year 1911 have all been received, so that we can give some approximate information in advance of the annual compilation regarding the births, marriages and deaths that have occurred in the state during the past year, also regarding the mortality from some of the more important infectious diseases.

The deaths for the year numbered 17,527, which represents a death rate of 15.5 per 1000 of population as compared with 15.7 in 1910 and 15.6 in 1909.

The births were 28,042, which is an increase over the 27,314 reported last year. There were 10,128 marriages.

Regarding deaths from special causes, there were 1425 deaths from pulmonary tuberculosis, and although this was five more than during the preceding year, it gives a death rate of 12.6 per 10,000 of population as compared with 12.0 in 1910 and 13.4 in 1909, and is the lowest yet recorded. Concerning this decrease in the tuberculosis death rate, one complicating element must be kept in mind. Are not some of the deaths from tuberculosis credited to some other cause? It is perhaps significant that with the fall in the death rate from tuberculosis there has been a considerable increase in pneumonia. One thousand eight hundred and seventy-two deaths were reported including both bronchial and croupous pneumonia, there being 1861 deaths in 1910 and 1537 in 1909. Notwithstanding the disastrous typhoid outbreak in Torrington last summer the typhoid death rate has continued to fall. One hundred and fifty-one deaths occurred in the state, which equals a death rate of 1.33 per ten thousand population. Measles, scarlet fever, diphtheria, and whooping cough, all show a decreased mortality over that of the preceding year and, in some cases, the lowest on record.

These figures are indicative that there has been a very satisfactory decrease in death rate from the preventable disease of early life, and while the complete returns will no doubt show an increase in death rate from the diseases common to advanced life, the net result will be an older average age at death and lengthened duration of life.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and

Superintendent of the Registration of Vital Statistics.

HARTFORD, January 15, 1912.

\*One delayed certificate for July, one for September, one for October and five for November have been received since the publication of the last Bulletin.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1911.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.
	Max.	Min.	Mean.			
1	44	30	37	.00	Partly Cloudy	70
2	42	29	36	T.	Partly Cloudy	31
3	40	30	35	.13	Cloudy	62
4	32	19	26	.06	Cloudy	18
5	32	13	22	.00	Cloudy	78
6	47	31	39	.00	Clear	88
7	53	28	40	.00	Clear	78
8	46	29	38	.00	Cloudy	46
9	46	29	38	T.	Cloudy	0
10	55	37	46	.00	Partly Cloudy	63
11	62	42	52	.00	Partly Cloudy	71
12	64	51	58	T.	Cloudy	63
13	57	36	46	.00	Cloudy	7
14	43	31	37	T.	Cloudy	60
15	39	33	36	.64	Cloudy	0
16	40	35	38	.59	Cloudy	0
17	42	34	38	.01	Cloudy	19
18	37	30	34	T.	Cloudy	9
19	36	25	30	.00	Clear	89
20	38	19	28	.00	Clear	97
21	37	23	30	T.	Cloudy	38
22	38	33	36	.73	Cloudy	0
23	47	36	42	.58	Cloudy	0
24	41	36	38	.00	Cloudy	9
25	50	31	40	.00	Clear	91
26	46	32	39	.06	Cloudy	30
27	48	36	42	.29	Cloudy	0
28	36	25	30	T.	Cloudy	23
29	30	23	26	T.	Clear	77
30	33	20	26	.00	Clear	91
31	29	21	25	.27	Cloudy	0
Mean	43	30	36	3.36		42

## ATMOSPHERIC PRESSURE.

(Reduced to sea level ; inches and hundredths.)

Mean ..... 30.15 ; highest..... 30.57 ; date 20  
 Lowest..... 29.44 ; ..... date 23

## TEMPERATURE.

Highest..... 64° ; date 12 ; lowest..... 13° ; date 5  
 Greatest daily range ..... 25° ; ..... date 7  
 Least daily range ..... 5° ; ..... date 16  
 Mean highest ..... 42.9° ; lowest..... 29.9°

## MEAN FOR THIS MONTH IN

1904-23° 1905-34° 1906-27° 1907-34° 1908-32° 1909-28° 1910-25° 1911-36°  
 Mean for this month..... 36.4°  
 Normal for this month ..... 29.8°  
 Absolute maximum for this month for 8 years..... 65°  
 Absolute minimum for this month for 8 years ..... 0°  
 Average daily excess of this month as compared with the normal ..... 6.6°  
 Accumulated excess (+) since January 1 ..... 617.4°  
 Average daily excess (+) since January 1 ..... 1.8°

## PRECIPITATION.

Total this month ..... 3.36  
 Greatest precipitation in 24 hours 1.30, date..... 22-23

## TOTAL PRECIPITATION THIS MONTH IN

1904-3.09 1905-3.47 1906-3.83 1907-4.70 1908-3.36 1909-2.83  
 1910-1.93 1911-3.36

Normal for this month ..... 3.57  
 Deficiency (—) of this month as compared with the normal.... 0.21  
 Accumulated deficiency (—) since January 1 ..... 3.69

## WIND.

Prevailing direction..... North  
 Total movement ..... 5,033 miles.  
 Average hourly velocity ..... 6.8  
 Maximum velocity (in five minutes) 42 miles per hour,  
 from N. W. on 28th.

## WEATHER.

Number of days, clear..... 7  
 Partly cloudy..... 4  
 Cloudy..... 20  
 On which .01 inch, or more, occurred..... 10.

## MISCELLANEOUS PHENOMENA (dates of).

Halos, solar ..... 14.  
 Halos, lunar..... 1, 30  
 Sleet..... None  
 Dense fog..... 1  
 Snow: Total this month..... 4.0  
 On the ground at end of month..... 2.7

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1912, and a Statement of the Births and Marriages for the Month of December, 1911.

Total Estimated population of the State is 1,134,682.

TOWNS.	Estimated Population.	Living Births in December.	Still Births in December.	Marriages in December.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.	15,399	36	1	3	11	5	3	27.2	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Branford.	15	15	1	3	11	15.7	3	0	37.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.	105,159	204	8	67	141	15.6	33	2	26.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol.	13,387	28	1	1	13	11.2	4	1	38.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.	25,904	38	1	11	50	23.0	10	2	24.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby.	9,097	38	1	10	16	18.4	3	2	31.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.	8,311	5	1	3	8	11.5	3	1	12.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.	10,021	30	1	13	17	20.3	3	2	29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.	6,298	12	5	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.	16,592	30	4	21	21	14.9	7	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton.	6,548	5	1	1	9	10.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamden.	5,972	13	3	3	8	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.	100,821	214	12	58	149	14.0	29	11	26.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington.	6,642	10	3	2	13	9.0	1	1	15.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly.	6,537	7	1	2	7	12.8	2	1	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester.	13,945	22	1	6	21	18.6	10	.....	47.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Morriston.	32,403	53	5	13	55	18.6	6	3	16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.	21,075	46	2	12	41	14.3	4	1	42.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck.	12,940	23	1	7	14	12.9	1	1	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.	45,487	141	7	14	48	12.6	11	3	29.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.	136,162	296	19	109	211	17.5	30	22	24.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.	19,570	38	2	20	31	17.5	4	1	16.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.	5,039	5	3	6	14.3	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.	24,038	35	1	21	40	18.3	7	.....	17.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.	28,577	50	1	13	39	15.1	3	1	16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.	11,699	13	3	5	18	16.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.	6,908	9	7	8	15.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.	5,240	11	1	1	9	8.2	6	.....	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....								

The Mortality in Public Institutions of the State was: in Bridgeport, 33; in Danbury, 10; in Derby, 2; in Greenwich, 2; in Hartford, 77; in Huntington, 10; in Meriden, 8; in Middletown, 19; in New Britain, 3; in New Haven, 64; in New London, 7; in Norwich, 8; in Norfolk, 11; in Putnam, 4; in Stamford, 10; in Waterbury, 20; in Winchester, 1; and in Windham, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in January: Beacon Falls, Bethlehem, Brookfield, Brooklyn, Chaplin, Colebrook, Columbia, Coventry, Hampton, Hartland, Lisbon, Lyme, Morris, New Fairfield, North Haven, Pomfret, Salem, Scotland, Sterling, Union, Warren, Willington, Wolcott.—Total, 23. The Registrars of the following towns have made no report for January: Ashford, Trumbull, Woodbridge.—Total, 3.

# REMARKS.

By mortality reports received there were 1,597 deaths during the month of January. This was 251 more than in December and 163 less than in January of last year, and 22 less than the average number of deaths during January for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,597	1,760	1,498	1,366	1,557	1,696

The death rate was 17.2 for the large towns, for the small towns 15.7, and for the whole State 16.9.

The deaths reported from infectious diseases were 195, being 12.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bridgeport, 6; Bloomfield, 1; Canaan, 1; Darien, 2; Derby, 1; East Haddam, 3; East Haven, 1; Enfield, 60; Fairfield, 1; Farmington, 1; Glastonbury, 5; Groton (town), 12; Guilford, 1; Hamden, 13; Hartford, 1; Hebron, 1; Madison, 1; Naugatuck, 1; New Britain, 1; New Hartford, 1; New Haven, 145; New London, 3; Norfolk, 3; Norwalk (city), 65; Norwalk (town), 40; Norwich, 1; Old Lyme, 2; Orange, 15; Oxford, 4; Plainville, 2; Seymour, 1; Somers, 4; South Norwalk (city), 24; Stamford (city), 1; Stamford (town), 1; Torrington, 5; Trumbull, 1; Wallingford, 1; Waterbury, 5; Waterford, 21; Weston, 1; Windsor, 24.—Total, 483 in 41 towns.

**Scarlet Fever.**—Ansonia, 3; Berlin, 1; Bridgeport, 11; Cromwell, 5; Danbury (city), 1; Danbury (town), 1; Danielson (borough), 1; Darien, 2; Derby, 1; East Hartford, 1; Essex, 1; Greenwich, 5; Hamden, 4; Hartford, 33; Harwinton, 1; Lebanon, 2; Middletown (city), 2; Middletown (town), 2; Naugatuck, 5; New Britain, 6; New Haven, 23; Newington, 2; North Haven, 18; Norwalk (city), 1; Norwalk (town), 1; Norwich (city), 1; Orange, 2; Plainfield, 1; Rockville (city), 1; Shelton (borough), 1; Southington, 1; South Windsor, 1; Stafford, 1; Stafford Springs (borough), 2; Stamford (city), 7; Sterling, 1; Vernon, 1; Wallingford, 2; Waterbury, 25; Watertown, 1; Windsor, 1; Windsor Locks, 3; Winsted (borough), 1.—Total, 186 in 43 towns.

**Cerebro Spinal Fever.**—Bridgeport, 1; Manchester, 1.—Total, 2.

**Infantile Paralysis.**—Waterbury, 1.—Total, 1.

**Diphtheria and Croup.**—Ansonia, 1; Branford, 1; Bridgeport, 5; Bridgewater, 1; Canton, 1; Chester, 2; Danbury (city), 4; East Lyme, 1; East Windsor, 3; Enfield, 2; Greenwich, 1; Hamden, 1; Hartford, 38; Harwinton, 1; Litchfield, 1; Manchester, 1; Meriden (city), 6; Meriden (town), 1; Middletown, 1; Middletown (city), 3; Milford, 1; Naugatuck, 1; New Britain, 10; New Haven, 9; Newington, 1; New London, 1; New Milford, 1; North Canaan, 1; Norwich (city), 5; Norwich (town), 1; Orange, 1; Portland, 2; Putnam, 1; Rockville (city), 2; Salisbury, 1; Simsbury, 3; Stafford, 1; Stratford, 1; Suffield, 1; Torrington, 1; Wallingford, 3; Waterbury, 18; Westbrook, 1; Westport, 1; Willimantic (city), 4.—Total, 147 in 45 towns.

**Whooping Cough.**—Bethany, 7; Bethel, "no. of cases"; Bridgeport, 3; Enfield, 4; Farmington, 2; Greenwich, 4; Groton (town), 50; Guilford, 7; Hartford, 14; Mansfield, "epidemic"; Middletown (city), 18; Milford, 8; New Britain, 1; New Hartford, 1; Norfolk, 1; North Haven, 1; Orange, 2; Somers, 2; Stonington, 2; Warren, 5; Washington, 3; Waterbury, 2; Willimantic (city), 6; Windham, "epidemic." Total, 143 in 24 towns.

**Typhoid Fever.**—Bethlehem, 1; Bridgeport, 1; Danbury (city), 5; Derby, 1; Hamden, 1; Hartford, 3; Middlebury, 1; Middletown (city), 2; Naugatuck, 1; New Canaan, 1; New Haven, 3; Norfolk, 1; Norwalk (city), 1; Orange, 1; Plainfield, 1; Shelton (borough), 1; Simsbury, 1; Waterbury, 5; Watertown, 1.—Total, 31 in 19 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 9; Bridgewater, 1; Danbury (city), 1; Hartford, 15; Kent, 1; Killingly, 1; Manchester, 1; Mansfield, 1; Marlborough, 1; Meriden (city), 5; Middletown (city), 3; Middletown (town), 1; Naugatuck, 3; New Britain, 3; New Haven, 9; Newington, 11; New London, 3; New Milford, 1; Norwalk, 2; Norwich (city), 3; Norwich (town), 1; Orange, 1; Plainfield, 1; Preston, 1; Rockville (city), 1; Seymour, 1; Simsbury, 2; Sprague, 1; South Norwalk (city), 1; Stamford (city), 4; Voluntown, 1; Wallingford, 2; Waterbury, 13; Watertown, 1; Westbrook, 1; West Hartford, 2; Willimantic (city), 2; Winsted (borough), 1.—Total, 114 in 39 towns.

In addition to the above the Health Officers of sixty-five towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Bristol (town and borough).  
NEW LONDON Co.—Franklin, Lyme.  
FAIRFIELD Co.—Ridgefield (town and borough).  
LITCHFIELD Co.—Plymouth, Sharon.  
MIDDLESEX Co.—Haddam.

\* Non-residents in Sanatorium.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Glastonbury, 1; Griswold, 1; Hebron, 1; Lebanon, 1; Milford, 1; Montville, 1; Old Lyme, 1; Windsor, 1.—Total 7.

**Diphtheria and Croup.**—Middlefield, 1; Portland, 1; Simsbury, 1.—Total, 3.

**Typhoid Fever.**—New Canaan, 1; Newington, 1.—Total, 2.

**Consumption.**—Bethel, 1; Bozrah, 1; Bridgewater, 1; Burlington, 1; Chatham, 1; Farmington, 1; Glastonbury, 1; Haddam, 1; Marlborough, 1; Monroe, 1; Montville, 1; Newington, 2; Newtown, 1; Preston, 2; Simsbury, 1; South Windsor, 1; Suffield, 1; Voluntown, 1; Watertown, 1; Woodbury, 1.—Total, 22 in 20 towns.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	20	132	1	153
release .....	56	55	3	114
Tuberculosis .....	28	94	..	122
Typhoid Fever .....	13	47	5	70
Malaria .....	0	8	..	8
Rabies .....	0	1	..	1
Glanders .....	1	3	..	4
Pus .....	1	..	..	1

Total specimens examined .....	473
Samples of milk analyzed .....	325
" " water examined .....	27
Sewage and effluents examined .....	8
Samples of oil examined .....	4

## RABIES.

About five years ago when rabies was prevalent in the state, we called attention in this bulletin to the measures necessary to adopt for its control. With the disease now present in some of our neighboring states, particularly New York, it may not be amiss to again remind Health Officers of the matter and of existing laws on the subject. Cases of animal rabies in a town should be at once reported by the Health Officers to the State Commissioner on Domestic Animals, who has authority to take charge of the situation and make any necessary regulations concerning dogs.

Contrary to a widely distributed belief among the laity, the disease never occurs spontaneously in the dog, but is due to an infectious material entering the body usually as the result of a bite by a rabid animal. Besides dogs the disease occurs in most all mammals, such as foxes, cats, horses, sheep, goats, pigs as well as in rats. As most of the animals bite each other, the opportunity for the transmission of the disease may be frequent and may not be known until a dog is bitten.

The long period of incubation, usually sixty days, is responsible for the fact that the infection is often carried to quite distant places. Dogs are responsible in nine-tenths of the cases for its transmission to man. In the other one-tenth, one half is due to cats, and for the remainder other animals are responsible.

The discovery of Pasteur has placed within our reach an almost sure method of warding off the disease in man. This treatment however is expensive and troublesome, taking time as well as money and naturally one does not wish to adopt it unless there is real danger. It therefore becomes a matter of extreme importance to determine promptly whether a dog that has bitten a person is actually affected with rabies in order that quick treatment may follow if necessary. It is a mistake to call a dog mad because it has bitten some one and immediately kill it.

In doubtful cases the dog should be confined and kept under observation for a few days and if at the end of a week it appears healthy no fear need be felt. If however the dog has been killed before a definite diagnosis was made, the head should be severed from the body leaving attached to it as much of the neck as possible, then packed in ice and shipped by express to the State Laboratory at Middletown. If the laboratory examination is positive, the case is surely one of rabies; if negative the case is probably not rabies.

When a person has been bitten by a dog proven to be mad, he should at once take the Pasteur treatment. An Act of the Legislature of 1909 provides that when a licensed physician of the state certifies to the selectmen of the town in which the injury was received that Pasteur treatment is necessary, they shall bear the expense of such treatment.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, February 15, 1912.



## U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	36	23	30	.00	Partly Cloudy	72	30.02	30.57; date 13
2	38	17	28	.00	Partly Cloudy	74	29.08	date 9
3	36	22	29	T.	Partly Cloudy	60		
4	31	20	26	T.	Clear	80		
5	24	8	16	.05	Cloudy	53		
6	9	1	5	.00	Clear	98		
7	13	1	7	T.	Partly Cloudy	72		
8	25	0	12	.22	Cloudy	28		
9	39	10	24	.31	Partly Cloudy	71		
10	17	6	12	.00	Clear	100		
11	18	6	12	.00	Partly Cloudy	84		
12	9	3	6	.28	Cloudy	2		
13	9	-6	2	.00	Clear	93		
14	15	-12	2	T.	Partly Cloudy	65		
15	35	15	25	.36	Cloudy	4		
16	21	6	14	T.	Partly Cloudy	78		
17	26	10	18	.13	Cloudy	75		
18	40	24	32	.00	Cloudy	31		
19	50	20	35	.16	Cloudy	10		
20	25	13	19	.00	Partly Cloudy	96		
21	34	17	26	.00	Clear	86		
22	37	22	30	T.	Cloudy	54		
23	48	34	41	T.	Cloudy	20		
24	35	17	26	.00	Partly Cloudy	83		
25	19	10	14	.00	Clear	100		
26	18	5	12	.00	Cloudy	64		
27	21	7	14	T.	Cloudy	87		
28	19	4	12	.00	Cloudy	90		
29	20	15	18	.55	Cloudy	0		
30	28	20	24	.03	Cloudy	0		
31	30	22	26	.02	Cloudy	62		
Mean	27	12	19	2.11		61		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.02; highest. 30.57; date 13
Lowest	29.08; date 9

TEMPERATURE.	
Highest	50°; date 19; lowest. -12°; date 14
Greatest daily range	30°; date 19
Least daily range	5°; date 29
Mean highest	62.6°; lowest. 11.6°

MEAN FOR THIS MONTH IN	
1905-23	1906-34° 1907-26° 1908-29° 1909-29° 1910-29° 1911-30° 1912-19°
Mean for this month	19.1°
Normal for this month	25.5°
Absolute maximum for this month for 8 years	62°
Absolute minimum for this month for 8 years	-12°
Average daily deficiency of this month as compared with the normal	6°
Accumulated deficiency (-) since January 1	198.4°
Average daily deficiency (-) since January 1	6.4°

PRECIPITATION.	
Total this month	2.11
Greatest precipitation in 24 hours	0.57, date 29-30

TOTAL PRECIPITATION THIS MONTH IN	
1905-4.64	1906-2.69 1907-2.94 1908-3.47 1909-2.80 1910-6.68
	1911-2.77 1912-2.11
Normal for this month	3.83
Deficiency (-) of this month as compared with the normal	1.72
Accumulated deficiency (-) since January 1	1.72

WIND.	
Prevailing direction	Northwest
Total movement	6,146 miles
Average hourly velocity	8.2
Maximum velocity (in five minutes)	37 miles per hour, from W. on 9th.

WEATHER.	
Number of days, clear	6
Partly cloudy	10
Cloudy	15
On which .01 inch, or more, occurred	10

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	20, 26, 28
Halos, lunar	5, 6, 8, 28, 31
Sleet	9, 29, 30
Dense fog	3
Snow: Total this month	15.1
On the ground at end of month	3.5

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 70 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1912,  
and a Statement of the Births and Marriages for the Month of January, 1912.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in January.	Still Births in January.	Marriages in January.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Pauperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	15,399	46	1	8	15	11.6	8	53.3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	3	1	3	1	.....	4	
Branford, .....	6,081	10	2	3	5	9	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport, .....	105,159	282	8	95	121	13.4	22	11	27.2	1	3	.....	3	1	1	.....	.....	.....	.....	.....	3	1	7	22	2	.....	2	3	72
Bristol, .....	13,887	29	9	10	8.6	3	1	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Danbury, .....	23,904	42	15	39	19.0	6	.....	15.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Derby, .....	9,097	28	1	8	10	10.6	1	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
East Hartford, .....	8,311	12	5	12	17.3	.....	.....	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield, .....	12,173	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield, .....	10,021	28	2	13	18	21.5	3	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich, .....	6,295	8	.....	1	5	9.5	2	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton, .....	16,892	32	3	18	20	13.4	3	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	6,548	21	1	11	20.1	1	.....	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	5,972	14	.....	1	11	22.1	4	2	54.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	100,821	250	4	97	104	15.9	36	10	28.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington, .....	6,642	12	.....	1	11	12.6	1	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly, .....	6,537	10	.....	9	9	10.5	2	22.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, .....	13,945	30	1	9	12	10.3	6	2	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middleton, .....	32,403	66	3	26	56	16.6	10	5	26.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, .....	21,075	48	4	21	57	16.5	11	21.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck, .....	12,940	21	3	10	13	12.0	2	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	45,487	126	5	56	39	10.0	14	4	46.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven, .....	136,162	328	16	87	224	18.8	45	26	31.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London, .....	19,870	39	1	27	23	13.2	3	13.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford, .....	5,030	5	.....	3	7	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk, .....	24,638	40	2	12	30	16.0	7	2	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich, .....	28,577	44	2	11	52	19.3	9	3	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	11,699	23	3	2	13	13.3	2	15.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, .....	6,968	6	2	8	10	17.3	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth, .....	5,240	20	.....	1	5	11.4	2	1	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam, .....	7,274	13	.....	6	7	11.5	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton, .....	6,578	11	.....	1	7	12.7	2	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	5,326	12	.....	4	11	24.7	1	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford, .....	29,835	60	5	38	54	20.5	9	2	20.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington, .....	9,215	15	1	8	18	23.4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford, .....	5,917	6	.....	1	4	8.1	.....	5.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington, .....	17,278	19	1	7	18	11.9	2	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Uxbridge, .....	9,147	20	1	6	12	15.7	2	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford, .....	11,370	32	2	6	8	8.4	4	1	62.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury, .....	75,341	226	6	57	98	14.1	19	10	29.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windsor, .....	8,770	18	1	1	15	19.1	1	13.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham, .....	12,850	29	2	6	19	17.7	4	21.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 40 above towns, .....	994,444	2081	84	701	1277	16.9	251	89	20.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122 towns of less than 5,000 inhabitants, .....	222,397	318	12	97	273	14.7	38	14	19.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns, .....	1,126,841	2399	96	798	1550	16.5	289	103	25.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting, .....	7,241	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 3; in Derby, 3; in Greenwich, 4; in Hartford, 70; in Huntington, 6; in Meriden, 16; in Middletown, 31; in New Britain, 4; in New Haven, 47; in New London, 4; in Norwalk, 5; in Norwich, 8; in Putnam, 2; in Stamford, 8; in Waterbury, 30; and in Winchester, 2. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Beacon Falls, Bethany, Bolton, Bridgewater, Brookfield, Chaplin, Colebrook, Columbia, Coventry, Durham, East Granby, Franklin, Glastonbury, Griswold, Hampton, Hartland, Mansfield, Marlborough, Middlebury, Monroe, New Hartford, North Branford, Oxford, Scotland, Sterling, Tolland, Wethersfield, Willington, Woodbridge.—Total, 30.

The Registrars of the following towns have made no report for February: Kent, Lyme, Madison, Morris, Old Saybrook, Trumbull.—Total, 6.

# REMARKS.

By mortality reports received there were 1,550 deaths during the month of February. This was 50 less than in January and 6 less than in February of last year, and 85 more than the average number of deaths during February for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	*1,600	1,760	1,498	1,366	1,557	1,606
February,	1,550	1,556	1,421	1,313	1,515	1,519

The death rate was 16.9 for the large towns, for the small towns 14.7, and for the whole State 16.5.

The deaths reported from infectious diseases were 218, being 14.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Willimantic (city), 1.

**Measles.**—Ansonia, 5; Bethel, "epidemic"; Bridgeport, 11; Bristol, 12; Canaan, 2; Danbury (city), 30; Darien, 3; Derby, 1; East Haven, 1; Ellington, 6; Enfield, 5; Fairfield, 4; Farmington, 1; Glastonbury, 13; Goshen, 4; Granby, 2; Greenwich, 22; Groton (borough), 1; Guilford, 3; Hamden, 10; Hartford, 7; Kent, 1; Litchfield, 8; New Britain, "many"; New Hartford, 5; New Haven, 315; New London, 8; Newtown, 2; North Haven, 4; Norwalk (city), 55; Norwalk (town), 35; Orange, 50; Plainfield, 1; Plainville, 1; Redding, 4; Ridgefield, 3; Salisbury, 2; Shelton (borough), 1; South Norwalk (city), 19; Stafford Springs (borough), 1; Stamford (city), 4; Stonington, 2; Suffield, 26; Torrington, 2; Wallingford, 4; Waterbury, 1; Waterford, 3; Willington, 1; Wilton, 11; Windsor, 29.—Total, 781+ in 50 towns.

**Scarlet Fever.**—Ansonia, 1; Berlin, 1; Bridgeport, 33; Bristol, 14; Canterbury, 2; Danbury (city), 2; Darien, 2; East Hartford, 1; Enfield, 2; Essex, 1; Farmington, 2; Glastonbury, 1; Greenwich, 6; Hamden, 1; Hartford, 32; Hebron, 1; Lebanon, 1; Manchester, 1; Meriden (city), 2; Middletown (city), 2; Montville, 2; Morris, 1; Naugatuck, 4; New Britain, 7; New Canaan, 2; New Haven, 10; North Haven, 16; Norwich (city), 1; Old Lyme, 1; Orange, 1; Plainfield, 1; Plymouth, 1; South Norwalk (city), 1; Stamford (city), 7; Stratford, 1; Tolland, 1; Torrington, 2; Vernon, 2; Wallingford, 3; Waterbury, 9; Watertown, 1; Westbrook, 6; Willimantic (city), 2; Windsor, 1; Windsor Locks, 3.—Total, 194 in 45 towns.

**Cerebro Spinal Fever.**—Bridgeport, 1; Putnam, 1.—Total, 2 in 2 towns.

**Infantile Paralysis.**—Enfield, 1.—Total, 1.

**Diphtheria and Croup.**—Bridgeport, 14; Danbury (city), 1; Darien, 1; Enfield, 2; Greenwich, 1; Hamden, 4; Hartford, 26; Manchester, 2; Mansfield, 1; Meriden (city), 2; Middletown (city), 10; New Britain, 8; New Canaan, 1; New Haven, 16; New London, 1; New Milford, 1; North Stonington, 2; Norwalk, 2; Norwich (city), 3; Norwich (town), 3; Orange, 3; Pomfret, 1; Portland, 7; Rocky Hill, 3; Rockville (city), 5; Suffield, 1; Torrington, 5; Waterbury, 12; West Hartford, 1; Westport, 1; Willimantic (city), 1; Windsor, 1; Windsor Locks, 1.—Total, 143 in 33 towns.

**Whooping Cough.**—Bethel, "many cases"; Bridgeport, 1; Burlington, 8; Danielson (borough), "epidemic"; Ellington, 3; Greenwich, 1; Groton, "epidemic"; Hartford, 17; Jewett City (borough), 3; Killingly, "epidemic"; Milford, 7; New Britain, 5; Newtown, 8; Norfolk, 5; North Haven, 4; Orange, 4; Plainfield, 2; Ridgefield (town), 4; Ridgefield (borough), 4; Rockville (city), 2; Roxbury, 3; Somers, 4; Southington, "prevalent"; Stafford Springs (borough), 1; Stamford (city), 43; Stonington, 50; Stratford, 8; Warren, 1; Waterbury, 4; West Hartford, 1; Windham, "epidemic";—Total, 193+ in 31 towns.

**Typhoid Fever.**—Coventry, 1; Danbury (city), 1; Derby, 1; Hamden, 1; Hartford, 3; Middletown (city), 1; Naugatuck, 1; New Britain, 1; New Haven, 9; North Canaan, 1; Norwalk, 1; Orange, 1; Pomfret, 1; Torrington, 1; Waterbury, 1; Weston, 1; Willimantic (city), 1; Winchester, 1.—Total, 28 in 18 towns.

**Consumption.**—Ansonia, 2; Avon, 1; Bridgeport, 12; Canaan, 1; Coventry, 2; Derby, 1; East Hartford, 1; East Haven, 1; Hartford, 24; Manchester, 2; Meriden (city), 5; Middletown (city), 3; Middletown (town), 6; Milford, 2; Naugatuck, 3; New Britain, 4; New Haven, 21; Newington, 130; New London, 3; Newtown, 2; Norwalk (city), 2; Norwalk (town), 3; Norwalk (city), 6; Norwich (town), 3; Old Lyme, 1; Plymouth, 1; Preston, 1; Rockville (city), 2; Salem, 1; Sharon, 1; South Norwalk (city), 1; Stafford Springs (borough), 1; Stamford (city), 5; Wallingford, 2; Waterbury, 12; Watertown, 1; Winsted (borough), 1; Woodstock, 1.—Total, 168 in 38 towns.

In addition to the above the Health Officers of seventy-one towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Simsbury.

MIDDLESEX Co.—Chester, Haddam, Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Clinton, 1; Darien, 1; East Haven, 1; Easton, 1; Ellington, 1; Essex, 1; Montville, 1; Old Lyme, 1; Union, 1; Windsor Locks, 1.—Total, 10.

**Cerebro Spinal Fever.**—Darien, 1.

**Diphtheria and Croup.**—Windsor, 1.

**Whooping Cough.**—Cheshire, 1; Farmington, 1.

**Consumption.**—East Haddam, 1; Essex, 1; Haddam, 1; Milford, 1; Montville, 1; New Canaan, 1; Newington, 6; Newtown, 1; Norfolk, 1; Plainville, 1; Thomaston, 1; Thompson, 1; Westport, 2; Windsor, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	23	111	1	135
"    release .....	15	39	1	55
Tuberculosis .....	27	117	..	144
Typhoid Fever .....	8	31	7	46
Malaria .....	..	4	..	4
Rabies .....	1	1	..	2
Glanders .....	3	12	2	17
Pus for Glanders .....	1	..	..	1
Meningitis .....	..	2	..	2
Smears for tuberculosis .....	..	2	..	2
Paratyphoid .....	1	..	..	1
Gonorrhoea .....	..	1	..	1
Total specimens examined .....				410
Samples of milk analyzed .....				276
"    water examined .....				21
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## THE SIXTH SANITARY CONFERENCE.

The sixth sanitary conference of the health officials of Connecticut will be held under the auspices of the State Board of Health at the Hunt Memorial Building, 38 Prospect St., Hartford, on Wednesday, April 3d, 1912. The program will be as follows:

### FIRST SESSION, 10 A. M.

1. Introductory remarks by the Chairman.
2. The Protection of Public Water Supplies: Mr. James A. Newlands, State Chemist.
3. The House Fly and its relation to Typhoid Fever: Dr. W. E. Britton, State Entomologist.
4. Disinfection after Tuberculosis: Dr. Chas. P. Botsford, City Health Officer of Hartford.
5. Co-operation between Health Officers and Commissioner on Domestic Animals for the Suppression of Glanders and Rabies: Commissioner H. O. Averill and Prof. H. W. Conn, State Bacteriologist.

### SECOND SESSION, 2 P. M.

#### The Medical Inspection of Schools.

1. From the standpoint of the City School Inspector: Dr. E. W. Goodenough, Waterbury.
2. From the standpoint of the School Superintendent: Mr. Alfred B. Morrill, Wallingford.
3. From the standpoint of the Town Health Officer: Dr. George F. Lewis, Collinsville.
4. From the standpoint of the Physician: Dr. Kate C. Mead, Middletown.

#### Discussion.

Miscellaneous Business. Adjournment.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 15, 1912.

\* Three delayed certificates for January have been received since the publication of the last Bulletin.

† Twenty-nine non-residents in Sanatorium.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation, (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level ; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	29	19	24	.00	Clear	100	Mean	29.93 ; highest, 30.44 ; date 14
2	34	16	25	T.	Partly Cloudy	55	Lowest	29.04 ; date 22
3	29	14	22	.00	Partly Cloudy	86	TEMPERATURE.	
4	17	9	13	T.	Partly Cloudy	71	Highest	55° ; date 22, lowest, -6° ; date 11
5	24	12	18	.00	Clear	100	Greatest daily range	32° ; date 22
6	27	15	21	T.	Cloudy	58	Least daily range	8° ; date 16
7	36	16	26	T.	Partly Cloudy	83	Mean highest	33.4° ; lowest, 17.3°
8	31	15	23	.01	Partly Cloudy	77	MEAN FOR THIS MONTH IN	
9	23	8	16	.00	Clear	100	1905-21° 1906-28° 1907-20° 1908-24° 1909-32° 1910-27° 1911-26° 1912-25°	
10	9	-4	2	.00	Clear	100	Mean for this month	25.4°
11	17	-6	6	.00	Partly Cloudy	83	Normal for this month	27.2°
12	24	7	16	.00	Partly Cloudy	92	Absolute maximum for this month for 8 years	57°
13	28	5	16	.00	Clear	97	Absolute minimum for this month for 8 years	-6°
14	29	6	18	.00	Cloudy	78	Average daily deficiency of this month as compared with the normal	1.3°
15	37	10	24	.00	Cloudy	82	Accumulated deficiency (—) since January 1	250.6°
16	36	28	32	.00	Partly Cloudy	66	Average daily deficiency (—) since January 1	4.2°
17	41	19	30	.00	Partly Cloudy	59	PRECIPITATION.	
18	40	18	29	.00	Clear	82	Total this month	3.43
19	45	33	39	.00	Partly Cloudy	84	Greatest precipitation in 24 hours 2.03, date	21-22
20	46	32	39	.18	Partly Cloudy	75	TOTAL PRECIPITATION THIS MONTH IN	
21	34	26	30	1.76	Cloudy	0	1905-1.79 1906-2.30 1907-2.48 1908-4.98 1909-5.47 1910-4.43	
22	55	23	39	.27	Partly Cloudy	52	1911-2.64 1912-3.43	
23	35	21	28	.00	Clear	100	Normal for this month	3.67
24	53	31	42	.00	Partly Cloudy	67	Deficiency (—) of this month as compared with the normal	0.24
25	54	37	46	.00	Partly Cloudy	92	Accumulated deficiency (—) since January 1	1.96
26	40	28	34	1.16	Cloudy	00	WIND.	
27	36	26	31	.05	Cloudy	27	Prevailing direction	Northwest
28	34	20	27	T.	Partly Cloudy	83	Total movement	5,690 miles
29	26	18	22	.00	Clear	100	Average hourly velocity	8.2
30							Maximum velocity (in five minutes) 54 miles per hour,	
31							from S. on 22d.	
Mean	33	17	25	3.43		74	WEATHER.	
							Number of days, clear	8
							Partly cloudy	15
							Cloudy	6
							On which .01 inch, or more, occurred	6
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar	7, 12, 15, 20
							Halos, lunar	1, 3, 4
							Sleet	21
							Thunderstorms	21, 22, 26
							Snow: Total this month	0.1
							On the ground at end of month	0.0

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1912, and a Statement of the Births and Marriages for the Month of February, 1912.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in February.	Still Births in February.	Marriages in February.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhea under 5.	Diarrhea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,309	33	1	8	24	18.7	7	20.1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	2	2	1	5	3	7
Branford.....	6,081	11	.....	.....	13	3.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgport.....	105,159	226	7	102	135	14.8	30	34.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5	25	5	12	11	9	60
Bristol.....	13,887	40	.....	.....	14	12.0	4	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.....	23,904	40	2	15	34	14.1	4	14.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby.....	9,097	37	.....	.....	14	15.4	7	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.....	8,311	10	.....	.....	10	14.4	3	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	10,021	25	3	20	12	14.3	4	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.....	6,208	10	.....	.....	4	9.5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.....	16,802	27	2	12	17	12.8	2	17.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton.....	6,548	11	1	4	7	12.8	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamden.....	5,072	19	.....	.....	17	14.1	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	100,821	252	10	102	218	22.0	48	16	29.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington.....	6,642	14	2	2	25	32.5	3	16.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly.....	6,537	6	1	9	10	8.6	4	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester.....	13,045	24	2	9	10	8.6	6	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden.....	32,403	58	1	18	55	16.2	6	3	16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	21,075	55	2	14	48	18.1	4	12.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	12,040	18	.....	.....	12	11.1	.....	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	45,487	139	1	58	53	13.7	13	35.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	136,162	357	12	102	260	22.1	52	40	35.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	19,870	42	.....	.....	27	28	15.0	4	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.....	5,030	.....	.....	.....	11	20.2	.....	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	24,638	32	1	12	31	14.1	4	22.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich.....	28,577	66	1	22	54	20.9	8	22.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	11,699	13	.....	.....	9	9.2	3	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	6,908	15	.....	.....	3	5.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,240	16	.....	.....	6	13.7	2	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,274	9	1	13	6	9.8	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	6,578	13	.....	.....	5	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,326	7	1	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	29,835	65	2	26	38	14.8	6	21.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	9,215	11	.....	.....	11	14.3	.....	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	5,917	7	.....	.....	7	14.2	2	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,278	25	1	5	12	8.3	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,147	14	.....	.....	7	9.1	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,370	27	2	9	11	11.6	2	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	75,341	101	2	58	102	14.9	28	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	8,770	21	.....	.....	6	19.1	.....	7.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	12,850	21	.....	.....	14	20	15.8	3	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 40 above towns, .....	904,444	1987	57	720	1356	17.9	264	110	27.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122 towns of less than 5,000 inhabitants, .....	222,250	364	13	99	307	16.5	37	6	14.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns, .....	1,126,694	2351	70	819	1663	17.7	301	116	24.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting, .....	7,388	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 27; in Danbury, 6; in Derby, 1; in Greenwich, 2; in Hartford, 93; in Huntington, 7; in Meriden, 17; in Middletown, 18; in New Britain, 9; in New Haven, 44; in New London, 7; in Norwalk, 3; in Norwich, 9; in Stamford, 6; in Waterbury, 29; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Barkhamsted, Bloomfield, Bozrah, Chaplin, Colchester, Columbia, Eastford, East Granby, East Lyme, Hampton, Killingworth, Middletown, Morris, North Stonington, Old Lyme, Prospect, Saybrook, Sterling, Weston.—Total, 20.

The Registrars of the following towns have made no report for March: Brooklyn, Kent, Madison, Redding, Scotland, Westbrook.—Total, 6.

# REMARKS.

By mortality reports received there were 1,663 deaths during the month of March. This was 111 more than in February and 28 less than in March of last year, and 78 more than the average number of deaths during March for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	*1,601	1,760	1,498	1,366	1,557	1,696
February,	*1,552	1,556	1,421	1,313	1,515	1,519
March,	1,663	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,816	5,007	4,551	4,251	4,528	4,787

The death rate was 17.9 for the large towns, for the small towns 16.5, and for the whole State 17.7.

The deaths reported from infectious diseases were 251, being 15.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Mansfield, 1; Naugatuck, 41; Willimantic (city), 26.—Total, 68 in 3 towns.

**Measles.**—Ansonia, 119; Avon, 2; Beacon Falls, 1; Berlin, 11; Bethel, 100+; Branford, 2; Bridgeport, 8; Bridgewater, 4; Bristol, 2; Danbury (city), 5; Danbury (town), 5; Derby, 3; Durham, 1; East Haven, 4; East Lyme, 2; Enfield, 4; Fairfield, 5; Greenwich, 84; Groton (town), 8; Groton (borough), 1; Guilford, 2; Hamden, 10; Hartford, 17; Ledyard, 2; Manchester, 1; Middletown, 19; Middletown (city), 1; Middletown (town), 1; Monroe, 1; New Britain, 86; New Hartford, 1; New Haven, 315; New London, 5; North Haven, 9; Norwalk (city), 5; Norwalk (town), 2; Norwich (city), 2; Orange, 100; Plainfield, 1; Plainville, 27; Putnam, 1; Redding, 12; Ridgefield (town), 10; Ridgefield (borough), 3; Salisbury, 7; Shelton (borough), 30; Simsbury, 1; Southbury, 4; Southington, 11; South Norwalk (city), 2; Stafford, 2; Stafford Springs (borough), 24; Stamford (city), 3; Stonington, 3; Stratford, 1; Suffield, 14; Torrington, 6; Waterbury, 5; Westport, 1; Wilton, 16; Windsor, 7; Windsor Locks, 1; Winsted (borough), 2.—Total, 1,144+ in 64 towns.

**Scarlet Fever.**—Ansonia, 3; Berlin, 11; Bridgeport, 36; Bristol, 6; Chaplin, 1; Danielson (borough), 1; East Hartford, 1; Farmington, 1; Glastonbury, 4; Greenwich, 4; Groton, 1; Hamden, 2; Hampton, 2; Hartford, 32; Huntington, 1; Manchester, 2; Mansfield, 1; Middletown (city), 1; New Britain, 4; New Canaan, 2; New Haven, 29; North Haven, 4; North Stonington, 7; Norwalk (city), 2; Norwich (city), 3; Norwich (town), 1; Old Lyme, 1; Old Saybrook, 1; Orange, 1; Plainfield, 3; Plainville, 1; Rockville (city), 1; Seymour, 3; South Norwalk (city), 2; Stafford Springs (borough), 1; Stamford (city), 4; Stonington, 1; Thomaston, 8; Tolland, 3; Torrington, 7; Vernon, 3; Wallingford, 1; Waterford, 1; Waterbury, 13; Watertown, 1; West Hartford, 1; Wethersfield, 3; Willimantic (city), 1; Windham, 1; Windsor Locks, 1; Winsted (borough), 1; Woodbury, 2.—Total, 228 in 52 towns.

**Cerebro Spinal Fever.**—Bridgeport, 2; New Canaan, 1.—Total, 3 in 2 towns.

**Infantile Paralysis.**—Derby, 1; Waterbury, 2.—Total, 3 in 2 towns.

**Diphtheria and Croup.**—Avon, 4; Berlin, 1; Bridgeport, 7; Bristol, 3; Canton, 1; East Hartford, 1; East Haven, 2; East Windsor, 6; Enfield, 1; Glastonbury, 1; Hamden, 2; Hartford, 25; Litchfield, 1; Manchester, 3; Meriden (city), 2; Middletown (city), 1; Middletown (town), 2; New Britain, 14; New Canaan, 1; New Haven, 21; New London, 1; New Milford, 1; North Canaan, 1; North Stonington, 1; Norwalk, 2; Norwich (city), 8; Orange, 3; Portland, 3; Putnam, 1; Rockville (city), 6; Rocky Hill, 3; Scotland, 1; Simsbury, 2; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Torrington, 1; Wallingford, 3; Waterbury, 12; Windham, 1; Windsor, 4.—Total, 156 in 41 towns.

**Whooping Cough.**—Ansonia, 1; Avon, 1; Bethel, "large number," Bozrah, 2+; Bridgeport, 2; Essex, 10; Groton, "epidemic," Hartford, 5; Hebron, 5+; Jewett City (borough), 2; Middlefield, 4; Norfolk, 5; North Haven, 29; Plainfield, 1; Ridgefield (town), "many cases," Ridgefield (borough), 4; South Windsor, 3; Stafford Springs (borough), 3; Stamford (city), 23; Stonington, 12; Thomaston, 2; Waterbury, 6; Windsor, 1.—Total, 124+ in 23 towns.

**Typhoid Fever.**—Brooklyn, 1; Cornwall, 1; Derby, 1; Goshen, 1; Middletown (city), 1; New Haven, 5; Norwalk (city), 1; Putnam, 2; Stamford (city), 1; Stonington (town), 1; Stonington (borough), 3; Torrington, 2; Waterbury, 3; Willimantic (city), 1.—Total, 24 in 14 towns.

**Consumption.**—Ansonia, 1; Beacon Falls, 1; Bridgeport, 7; Bridge-water, 1; Bristol, 1; Burlington, 1; Canaan, 1; Coventry, 2; Danielson (borough), 1; Derby, 4; East Windsor, 1; Enfield, 2; Farmington, 1; Greenwich, 2; Hartford, 14; Huntington, 1; Manchester, 1; Meriden

(city), 1; Meriden (town), 2; Middletown (city), 2; Middletown (town), 2; Milford, 2; New Britain, 3; New Haven, 27; Newington, 112; New London, 2; New Milford, 2; Norwich (city), 2; Oxford, 2; Plainfield, 2; Plymouth, 1; Portland, 1; Putnam, 1; Rockville (city), 1; Southbury, 1; South Norwalk (city), 1; Stafford Springs (borough), 3; Stamford (city), 1; Suffield, 1; Thomaston, 1; Thompson, 1; Wallingford, 1; Waterbury, 9; Watertown, 1; Willimantic (city), 1; Winsted (borough), 3.—Total, 131 in 46 towns.

In addition to the above the Health Officers of sixty-six towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officer of the following town has not reported:

MIDDLESEX Co.—Haddam.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Ridgefield, 1; Windsor, 1.—Total, 2.  
**Scarlet Fever.**—Glastonbury, 1, West Hartford, 1.—Total, 2.  
**La Grippe.**—Ashford, 1; Beacon Falls, 1; Cheshire, 1; Coventry, 1; East Windsor, 2; Essex, 1; Glastonbury, 1; Milford, 1; Montville, 1; Sharon, 2; Trumbull, 1; Warren, 1.—Total, 14.  
**Cerebro Spinal Fever.**—West Hartford, 1.  
**Diphtheria and Croup.**—North Canaan, 1.  
**Whooping Cough.**—Somers, 1.  
**Consumption.**—Chatham, 1; Haddam, 1; Litchfield, 1; Newington, 10; Old Saybrook, 1; Oxford, 1; Pomfret, 1; Portland, 1; Roxbury, 1; Salisbury, 1; Westport, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis.....	19	111	0	130
release.....	18	48	0	66
Tuberculosis.....	33	120	..	153
Typhoid Fever.....	6	39	2	47
Malaria.....	..	6	..	6
Rabies.....	2	..	..	2
Glanders.....	9	26	0	35
Gonorrhœa.....	..	2	..	2
Total specimens examined.....				441
Samples of milk analyzed.....				329
" water examined.....				21
Sewage and effluents examined.....				8
Samples of oil examined.....				4

## VACCINATION.

With sixty-eight cases of smallpox reported in the State during the month of March and with cases still being reported, it seems important to call attention to the necessity of a more general vaccination. This has been sadly neglected for a number of years, due to our remarkable freedom from smallpox. In nearly all the present cases the patients have never been successfully vaccinated and none within ten years. The cases have nearly all occurred among the native-born, the foreign-born, excepting those from Canada, being as a rule better vaccinated and more particular about the vaccination of their children.

The experience of a hundred years throughout the civilized world has proved the absolute protection against smallpox afforded by thorough vaccination with reliable lymph, and repeated with sufficient frequency. The protection secured by a single vaccination is not perpetual in all persons. Therefore revaccination should be practiced after a few years, especially if the disease is prevalent. All men of experience are agreed that no quarantine, however rigid and well carried out, will absolutely prevent the spread of smallpox. There are always mild unrecognized cases, which never have a physician and which go on spreading the disease after the severe cases are quarantined. Quarantine has not stamped out scarlet fever or diphtheria and it will not stamp out smallpox. Vaccination and vaccination alone will prevent it.

Dr. William Osler in the course of a recent article in the *American Magazine* says: "A great deal of literature has been distributed casting discredit upon the value of vaccination in the prevention of smallpox. I do not see how any one who has gone through epidemics as I have, or who is familiar with the history of the subject, and who has any capacity left for clear judgment, can doubt its value."

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1912.

\* One delayed certificate for January and two for February have been received since the publication of the last Bulletin.

† Non-residents in Sanatorium.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	28	17	22	.00	Clear	100	Mean	30.12; highest, 30.67; date 6
2	24	15	20	.00	Clear	100	Lowest	29.41; date 15
3	28	11	20	.00	Clear	94	TEMPERATURE.	
4	29	11	20	.01	Partly Cloudy	82	Highest	63°; date 31; lowest, 8°; date 6
5	26	15	20	.07	Clear	100	Greatest daily range	30°; date 31
6	31	8	20	.08	Cloudy	64	Least daily range	5°; date 24
7	40	26	33	T.	Cloudy	3	Mean highest	42.7°; lowest, 25.9°
8	43	34	38	.03	Cloudy	22	MEAN FOR THIS MONTH IN	
9	43	31	37	T.	Cloudy	10	1905-36	1906-31
10	34	23	28	.00	Clear	100	1907-38	1908-37
11	40	20	30	.00	Clear	100	1909-35	1910-42
12	38	30	34	.92	Cloudy	0	1911-34	1912-34
13	44	34	39	1.25	Cloudy	0	Mean for this month	34.3°
14	48	30	39	.00	Partly Cloudy	82	Normal for this month	35.0°
15	60	33	46	1.46	Cloudy	0	Absolute maximum for this month for 8 years	80°
16	55	33	44	.00	Partly Cloudy	78	Absolute minimum for this month for 8 years	7°
17	51	28	40	.00	Partly Cloudy	83	Average daily deficiency of this month as compared with the normal	0.7°
18	56	38	47	.00	Cloudy	33	Accumulated deficiency (-) since January 1	272.3°
19	56	33	44	T.	Clear	80	Average daily deficiency (-) since January 1	3.0°
20	53	26	40	.31	Partly Cloudy	80	PRECIPITATION.	
21	26	18	22	.69	Cloudy	0	Total this month	7.29
22	32	19	26	T.	Partly Cloudy	80	Greatest precipitation in 24 hours 2.10, date	12-13
23	39	19	29	T.	Clear	89	Normal for this month	4.32
24	33	27	30	1.26	Cloudy	0	Excess (-) of this month as compared with the normal	2.97
25	37	23	30	.00	Partly Cloudy	76	Accumulated excess (-) since January 1	0.99
26	38	18	28	.01	Partly Cloudy	80	TOTAL PRECIPITATION THIS MONTH IN	
27	51	34	42	T.	Partly Cloudy	79	1905-3.35	1906-5.02
28	60	39	50	T.	Partly Cloudy	77	1907-1.33	1908-3.06
29	62	39	50	1.20	Cloudy	14	1909-3.64	1910-0.95
30	55	37	46	.00	Clear	100	1911-3.89	1912-7.29
31	63	33	48	T.	Partly Cloudy	81	WIND.	
Mean	43	26	34	7.29		61	Prevailing direction	Northwest
							Total movement	6,199 miles
							Average hourly velocity	8.3
							Maximum velocity (in five minutes) 40 miles per hour, from S. on 15th.	
							WEATHER.	
							Number of days, clear	9
							Partly cloudy	11
							Cloudy	11
							On which .01 inch, or more, occurred	12
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar	4, 6, 8, 14, 20, 26
							Halos, lunar	3, 4, 25, 26, 27
							Sleet	21, 24
							Thunderstorms	none
							Snow: Total this month	10.6
							On the ground at end of month	0.0

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 6 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1912, and a Statement of the Births and Marriages for the Month of March, 1912.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.		Living Births in March.	Still Births in March.	Marriages in March.	Total Deaths.	Representing Annual Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Pauperial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
	1911.	1912.																												
Ansonia.....	15,399	15,399	50	3	...	31	24.1	8	6	45.1	...	6	...	...	...	...	...	...	...	...	...	...	...	2	3	4	2	2	...	12
Brandon.....	6,081	6,081	1	...	...	8	13.7	21	9	50.0	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Bridgeport.....	10,189	10,189	255	5	39	15	11.9	21	9	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Bristol.....	13,857	13,857	25	2	1	17	13.9	9	4	29.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Danbury.....	23,904	23,904	43	...	15	35	19.0	9	4	37.1	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Derby.....	9,097	9,097	...	...	4	14	8.6	2	2	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
East Hartford.....	8,311	8,311	...	...	14	31	15.5	2	1	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enfield.....	10,021	10,021	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fairfield.....	16,298	16,298	0	1	3	48	12.7	5	2	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greenwich.....	16,892	16,892	29	1	9	11	20.1	5	2	18.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Groton.....	6,548	6,548	...	...	6	11	20.1	1	1	100.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamden.....	5,822	5,822	15	...	...	2	4.0	1	1	100.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hartford.....	6,621	6,621	283	11	50	18	15.3	31	10	25.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huntington.....	6,621	6,621	...	...	...	1	16	12.6	2	12.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Killingly.....	6,537	6,537	...	...	...	1	9	16.5	2	22.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manchester.....	32,945	32,945	21	...	10	9	7.7	1	...	11.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meriden.....	21,453	21,453	5	...	8	10	12.5	10	3	32.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Middletown.....	21,453	21,453	32	1	7	6	5.5	...	...	18.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Naugauk.....	45,487	45,487	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Britain.....	130,162	130,162	350	18	76	174	14.4	29	19	27.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Haven.....	10,870	10,870	40	...	14	20	12.0	2	...	10.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Milford.....	5,030	5,030	8	...	...	8	19.0	3	...	12.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northford.....	24,638	24,638	45	4	8	30	13.6	3	...	10.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Orange.....	28,577	28,577	63	2	10	10	15.9	5	...	12.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Putnam.....	6,968	6,968	14	1	3	9	9.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plainfield.....	5,240	5,240	12	...	...	1	2.2	1	1	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth.....	7,274	7,274	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Putnam.....	6,578	6,578	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Southington.....	5,326	5,326	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stafford.....	29,835	29,835	74	...	26	38	14.8	8	2	26.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stonington.....	9,215	9,215	14	...	...	1	10.1	4	2	31.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stratford.....	5,917	5,917	11	1	2	5	10.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Torrington.....	9,147	9,147	23	...	...	27	18.7	7	2	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vernon.....	11,370	11,370	27	...	...	23	17.0	2	...	15.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallingford.....	75,341	75,341	213	9	19	82	12.2	32	2	26.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Waterbury.....	8,770	8,770	21	1	2	13	16.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Winchester.....	12,850	12,850	33	...	...	3	10	17.7	1	10.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Windham.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total of the 40 above towns, .....	904,444	904,444	2105	72	388	1146	15.2	228	90	27.7	...	28	5	10	1	15	6	9	5	1	5	11	8	89	157	51	144	127	59	415
124 towns of less than 5,000 inhabitants, .....	225,055	225,055	379	17	67	271	14.4	32	12	16.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total reported from 164 towns, .....	1,129,499	1,129,499	2484	89	455	1417	15.0	260	102	25.5	...	28	6	13	1	19	7	11	6	2	5	12	8	118	185	64	187	164	71	510
Population of towns not reporting, .....	4,583	4,583	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Mortality in Public Institutions of the State was: in Danbury, 30; in Hartford, 105; in Huntington, 9; in Meriden, 11; in Middletown, 19; in New Britain, 6; in New Haven, 51; in New London, 3; in Norwich, 41; in Stamford, 3; in Waterbury, 18; in Winchester, 5; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Bethany, Bethlehem, Bolton, Bozrah, Canaan, Clinton, Coventry, Eastford, East Granby, Franklin, Hartland, Harwinton, Kent, Killingworth, Ledyard, Marlborough, Middlebury, Monroe, Morris, New Fairfield, North Canaan, Pomfret, Prospect, Salem, Sterling, Trumbull, Union, Westbrook, Weston, Willington.—Total, 31.

The Registrars of the following towns have made no report for April: Cornwall, North Haven, Roxbury, Scotland.—Total, 4.

# REMARKS.

By mortality reports received there were 1,417 deaths during the month of April. This was 251 less than in March and 239 less than in April of last year, and 66 less than the average number of deaths during April for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,696
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	*1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,826	5,007	4,551	4,251	4,528	4,787
April,	1,417	1,656	1,509	1,501	1,330	1,420

The death rate was 15.2 for the large towns, for the small towns 14.4, and for the whole State 15.

The deaths reported from infectious diseases were 210, being 14.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Naugatuck, 95; Ridgefield (borough), 1; Seymour, 1; Waterbury, 1; Willimantic (city), 30; Windham (town), 10.—Total 138 in 6 towns.

**Measles.**—Ansonia, 51; Berlin, 3; Bethel (many cases); Bloomfield, 2; Branford (town and borough), 12; Bridgeport, 7; Bridgewater, 4; Brookfield, 57; Chatham, 10+; Danbury (city), 110; Danbury (borough), 12; Danielson (borough), 1; Darien, 5; Derby, 35; Durham, 1; East Haven, 22; Enfield, 4; Fairfield, 8; Farmington, 1; Granby, 3; Greenwich, 48; Guilford, 18; Hamden, 9; Hartford, 97; Huntington (town), 7; Kent, 5; Killingworth, 2; Meriden (city), 2; Middletown (city), 14; Milford, 1; Monroe, 2; Naugatuck, 1; New Britain, 41; New Haven, 190; Newington, 5; New London, 3; New Milford, 150; Norfolk, 11; North Branford, 3; North Canaan, 4; North Haven, 29; Norwalk (city), 5; Norwalk (town), 6; Orange, 32; Plainville, 4; Plymouth, 2; Redding, 26; Ridgefield (town), 7; Ridgefield (borough), 15; Salisbury (epidemic); Saybrook, 1; Seymour, 7+; Sharon, 1; Shelton (borough), 120; Simsbury, 1; Southbury, 10; Southington, 12; Stafford (town), 13; Stafford Springs (borough), 27; Stamford (city), 18; Stonington (town), 1; Stratford, 2; Thomaston, 1; Torrington, 6; Wallingford, 7; Waterbury, 12; Westbrook, 1; West Hartford, 1; Wethersfield, 5; Willington, 3; Wilton, 12; Windsor, 1; Winsted (borough), 1; Woodbridge, 3; Woodbury (several).—Total, 1,355 in 75 towns.

**Scarlet Fever.**—Berlin, 1; Bridgeport, 26; Bristol, 3; Danbury (city), 1; Danielson (borough), 1; East Windsor, 2; Enfield, 8; Glastonbury, 7; Greenwich, 4; Hamden, 2; Hartford, 36; Litchfield, 1; Manchester, 1; Mansfield, 1; Meriden (city), 3; Meriden (town), 5; Middletown (city), 1; Naugatuck, 1; New Britain, 2; New Haven, 12; New London, 3; Norwalk (city), 1; Norwalk (town), 3; Orange, 4; Plainfield, 1; Plymouth, 1; Rockville, 1; Saybrook, 3; Scotland, 1; Seymour, 1; Shelton (borough), 3; Southington, 4; Stamford (city), 6; Stamford (town), 2; Thomaston, 4; Tolland, 1; Torrington, 4; Trumbull, 6; Vernon, 2; Waterbury, 9; Waterford, 1; West Hartford, 1; Westport, 1; Wethersfield, 2; Winchester (town), 1; Windsor Locks, 2; Woodstock, 1.—Total, 187 in 47 towns.

**Diphtheria and Croup.**—Ansonia, 2; Avon, 11; Bridgeport, 11; Bristol, 3; Chester, 1; Danbury (city), 4; Darien, 1; Derby, 1; East Haven, 1; East Windsor, 5; Enfield, 1; Farmington, 1; Greenwich, 1; Groton (town), 1; Hamden, 5; Hartford, 29; Manchester, 1; Middletown (city), 1; Milford, 2; New Britain, 13; New Haven, 21; North Haven, 1; Norwalk (city), 3; Norwalk (town), 6; Orange, 1; Portland, 2; Rocky Hill, 2; Rockville, 1; Simsbury, 1; Southington, 1; Stamford (city), 3; Torrington, 5; Waterbury, 5; Wethersfield, 1; Willimantic (city), 2; Windsor, 2; Winsted (borough), 1.—Total, 150 in 37 towns.

**Whooping Cough.**—Andover (several cases); Ansonia, 1; Beacon Falls, 4; Bethel (many cases); Bridgeport, 6; Cornwall, 6; Danielson (borough), epidemic; Derby, 5; Durham, 1; Goshen, 3; Greenwich, 2; Hamden, (prevalent); Hartford, 10; Killingworth, 4; Litchfield, 15+; Milford, 1; Norfolk, 8; North Haven, 10; North Stonington, 2; Ridgefield (town), many; Ridgefield (borough), 10; Simsbury, 5+; Stamford (city), 43; Stratford, 2; Voluntown, 1; Waterbury, 3.—Total, 142 in 26 towns.

**Typhoid Fever.**—Bridgeport, 1; Greenwich, 2; Griswold (town), 1; Hartford, 1; Meriden (town), 1; New Haven, 13; Norwalk (city), 1; Rocky Hill, 2; Stamford (city), 5; Stonington (borough), 1; Waterbury, 8; Waterford, 2; Willimantic (city), 2.—Total, 40 in 13 towns.

**Consumption.**—Ansonia, 1; Bridgeport, 16; Danielson (borough), 1; Darien, 1; Derby, 3; Durham, 1; East Windsor, 1; Enfield, 2; Greenwich, 2; Hartford, 27; Hebron, 1; Killingly, 1; Manchester, 3; Meriden (city), 6; Meriden (town), 3; Middletown (city), 2; Middletown (town), 4; Naugatuck, 3; New Britain, 7; New Haven, 18; Newington, 7; New London, 6; North Haven, 1; Norwalk (city), 1; Norwich (city), 1; Orange, 1; Preston, 4; Putnam, 1; Roxbury, 1; Simsbury, 1; Somers, 1; Southbury, 1; Southington, 3; South Norwalk (city), 1;

Sprague, 3; Stafford Springs (borough), 2; Stamford (city), 4; Tolland, 1; Torrington, 1; Trumbull, 1; Vernon, 1; Wallingford, 4; Waterbury, 8; Waterford, 1; West Hartford, 1; Winsted (borough), 1.—Total, 161 in 46 towns.

In addition to the above the Health Officers of 62 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New London, Fairfield, Windham, Litchfield, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

NEW HAVEN Co.—Cheshire.  
MIDDLESEX Co.—Middfield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Glastonbury, 1.

**La Grippe.**—Thomaston, 1; Windsor, 2.—Total, 3.

**Diphtheria.**—East Windsor, 1; Portland, 1; Windsor, 2.—Total, 4.

**Whooping Cough.**—Voluntown, 1.

**Consumption.**—Burlington, 1; Colchester, 1; Cromwell, 1; Darien, 1; East Windsor, 1; Ellington, 1; Haddam, 1; Hebron, 1; Litchfield, 1; Milford, 1; New Canaan, 1; Newington, 5; Old Lyme, 1; Preston, 2; Ridgefield, 1; Salisbury, 1; Simsbury, 1; Sprague, 1; Suffield, 1; Thompson, 1; Washington, 1; Waterford, 1; Watertown, 1; Windsor, 1.—Total, 29.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	17	49	3	69
release .....	26	18	0	44
Tuberculosis .....	41	127	..	168
Typhoid Fever .....	10	25	2	37
Malaria .....	..	5	..	5
Rabies .....	3	2	..	5
Glanders .....	2	29	3	34

Total specimens examined .....	362
Samples of milk analyzed .....	376
" " water examined .....	22
Sewage and effluents examined .....	4
Samples of oil examined .....	4

## THE HOUSE-FLY.

The approach of fly time and the knowledge that the common house-fly plays no obscure part in the spread of certain infectious diseases, the most important of which are typhoid fever and tuberculosis, arouse our interest in him as to where he comes from, what he does, and how we may get rid of him.

Dr. L. O. Howard, of the U. S. Department of Agriculture, who has devoted much time to the study of the subject, states that ninety per cent. of the flies found in cities come from horse manure, their favorite breeding place, but will also breed in the excreta of almost any animal, as well as in fermenting organic matter. The heat generated from the decomposition of horse manure makes it a good incubator. Here the female lays about one hundred and twenty eggs, which in eight hours time are hatched. In ten days' time they become adult flies, passing through as many as eight or nine generations in a season. As carriers of contagion it is their habit to swarm over fecal matter and other filth, and then feed upon our table, depositing perhaps thereon the germ of typhoid fever, dysentery, etc.

These facts call for better sanitation than exists at the present time. The important step is the removal of breeding places; prevent flies from gaining access to horse manure, privies, and garbage. Manure should be put under cover promptly and kept there until removed for fertilizing, when it should be at once worked into the soil. The next step is to exclude flies from human excrement. The outhouse, if it cannot be abolished, should be constructed with a tight vault, kept dark and screened, while the contents should be frequently covered with unslacked lime or loam.

The disposal of garbage should receive careful attention. Houses should be screened to keep out the flies, and when we buy our food we should patronize the stores that try to be clean, and should make an effort to compel filthy sellers of foodstuffs to protect their wares from fly contamination.

This Department is publishing a special fly fighting bulletin, prepared by Dr. Britton, the State Entomologist. This will be furnished any one on application, and Health Officers can secure it in quantities for distribution.

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 15, 1912.

\* Five delayed certificates for March have been received since the publication of the last Bulletin.

† Non-residents in Sanatorium.



## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percent- age of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level ; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	54	38	46	T.	Partly Cloudy	83	Mean	30.00 ; highest. 30.62 ; date 26
2	40	36	38	.51	Cloudy	0	Lowest	29.33 ; date 2
TEMPERATURE.								
3	40	26	33	.03	Clear	77	Highest	78° ; date 6 ; lowest. 26° ; date 4
4	43	26	34	.00	Clear	100	Greatest daily range	41° ; date 5
5	73	32	52	.05	Partly Cloudy	66	Least daily range	4° ; date 2
6	78	54	66	.00	Partly Cloudy	72	Mean highest	56.1° ; lowest. 38.4°
MEAN FOR THIS MONTH IN								
7	69	40	54	.40	Cloudy	77	1905-48° 1906-48° 1907-43° 1908-48° 1909-47° 1910-52° 1911-46° 1912-47°	Mean for this month 47.2°
8	40	29	34	T.	Partly Cloudy	70	Normal for this month	46.7°
9	38	27	32	.04	Cloudy	0	Absolute maximum for this month for 8 years	85°
10	49	34	42	T.	Partly Cloudy	71	Absolute minimum for this month for 8 years	21°
11	49	34	42	T.	Cloudy	33	Average daily excess of this month as compared with the normal	0.5°
12	52	35	44	.03	Partly Cloudy	45	Accumulated deficiency (—) since January 1	257.3°
13	58	40	49	T.	Cloudy	36	Average daily deficiency (—) since January 1	2.1°
PRECIPITATION.								
14	48	41	44	.19	Cloudy	0	Total this month	3.93
15	71	42	56	.01	Partly Cloudy	51	Greatest precipitation in 24 hours 1.07, date	29
16	76	55	66	.28	Cloudy	47	Normal for this month	3.57
17	60	48	54	.28	Cloudy	18	Excess (—) of this month as compared with the normal	0.35
18	48	39	44	.65	Cloudy	0	Accumulated excess (—) since January 1	1.37
TOTAL PRECIPITATION THIS MONTH IN								
19	51	37	44	.06	Cloudy	24	1905-2.57 1906-3.58 1907-3.24 1908-2.36 1909-7.21 1910-3.15	
20	61	38	50	.00	Partly Cloudy	94	1911-3.18 1912-3.93	
WIND.								
21	67	39	53	.00	Clear	90	Prevailing direction	Northwest
22	59	46	52	.15	Cloudy	0	Total movement	6,649 miles
23	55	39	47	.03	Cloudy	0	Average hourly velocity	9.2
24	56	40	48	.06	Cloudy	32	Maximum velocity (in five minutes) 36 miles per hour,	
25	62	44	53	.00	Partly Cloudy	94	from N.W. on 23d.	
WEATHER.								
26	64	38	51	.00	Cloudy	71	Number of days, clear	3
27	66	44	55	.09	Cloudy	12	Partly cloudy	10
28	56	36	46	.00	Partly Cloudy	91	Cloudy	17
29	47	37	42	1.07	Cloudy	0	On which .01 inch, or more, occurred	17
MISCELLANEOUS PHENOMENA (dates of).								
30	54	37	46	T.	Cloudy	24	Halos, solar	1, 7, 16, 20, 26, 28
31							Halos, lunar	28
Mean	56	38	47	3.93		45	Sleet	29
							Fog	15
							Thunderstorms	15, 16, 27
							Frost: light	12, 21
							" heavy	1, 10, 11, 24, 26, 28
							" killing	3, 4, 8, 9

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 71 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1912, and a Statement of the Births and Marriages for the Month of April, 1912.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,399	37	.....	13	56	19.4	7	5	48.0	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brantford.....	6,081	16	.....	.....	.....	11.8	.....	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.....	104,159	237	8	106	128	12.6	25	6	24.8	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol.....	13,887	20	.....	9	15	12.6	3	3	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.....	23,904	34	3	13	20	22.5	3	2	23.8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby.....	9,097	36	.....	14	20	22.5	4	3	35.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.....	8,311	23	.....	.....	.....	17.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Windsor.....	10,621	28	4	2	10	9.5	2	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.....	6,298	11	.....	.....	.....	17.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.....	16,892	21	1	22	20	14.2	.....	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton.....	6,548	12	.....	.....	.....	18.3	3	2	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	5,972	13	1	3	5	10.0	2	1	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	106,821	203	10	122	131	12.9	27	10	28.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	6,042	11	.....	.....	.....	10.8	1	1	11.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	5,537	16	.....	.....	.....	14.6	2	1	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingworth.....	13,945	58	.....	.....	.....	12.5	6	2	13.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden.....	34,403	50	1	27	32	10.2	3	1	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	12,975	21	2	8	12	11.1	3	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugrant.....	12,987	122	1	28	43	10.8	0	5	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	45,487	287	22	126	203	16.9	33	22	27.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	106,662	47	1	23	26	14.4	3	1	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	10,870	47	1	23	26	14.4	3	1	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.....	5,030	4	.....	.....	.....	16.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	24,638	50	3	16	28	11.1	3	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich.....	28,577	41	1	23	41	15.1	2	3	12.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	11,609	16	1	10	20	20.5	3	1	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	6,908	5	2	9	9	15.6	2	1	22.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,240	11	.....	.....	.....	11.4	2	1	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	7,274	18	.....	.....	.....	6.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	6,578	.....	.....	.....	.....	10.9	1	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,326	3	2	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	20,835	43	4	55	36	14.4	4	1	13.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	9,215	15	.....	.....	.....	19.5	3	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	5,917	6	.....	.....	.....	20.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	17,275	26	1	15	6	4.1	2	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	9,147	10	1	7	11	14.4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	11,370	25	3	8	13	13.7	3	1	30.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	75,341	172	10	57	76	11.1	16	2	23.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	8,770	14	.....	.....	.....	10.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	12,850	13	2	14	20	17.7	2	1	15.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 40 above towns.....	904,444	1808	90	838	1116	14.8	189	80	24.1	.....	13	6	9	1	9	15	3	13	2	7	14	4	112	124	22	136	119	99	408
123 towns of less than 5,000 inhabitants.....	223,074	307	10	126	270	14.5	28	14	15.5	.....	1	1	2	1	6	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 163 towns.....	1,127,518	2115	100	964	1386	14.7	217	94	21.7	.....	14	7	11	2	15	16	4	13	2	8	16	4	142	145	24	178	161	118	506
Population of towns not reporting.....	5,564	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 22; in Danbury, 6; in Derby, 5; in Greenwich, 7; in Hartford, 59; in Huntington, 11; in Meriden, 15; in Middletown, 17; in New Britain, 7; in New Haven, 59; in New London, 5; in Norwich, 5; in Norwalk, 5; in Putnam, 2; in Stamford, 4; in Waterbury, 20; in Winchester, 1; and in Windham, 9. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Avon, Beacon Falls, Bolton, Bozrah, Canaan, Canterbury, Cheshire, Easton, Ellington, Franklin, Goshen, Granby, Hebron, Lebanon, Lisbon, Middlebury, Montpelier, New Fairfield, Newtown, Norfolk, Old Saybrook, Prospect, Roxbury, Salem, Scotland, Somers, Union, Washington, Woodbridge, Total, 29.

The Registrars of the following towns have made no report for May: Brooklyn, Cornwall, Kent, Redding, Westbrook. Total, 5.

# REMARKS.

By mortality reports received there were 1,386 deaths during the month of May. This was 40 less than in April and 40 less than in May of last year, and 43 more than the average number of deaths during May for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,696
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	*1,417	1,656	1,509	1,501	1,330	1,420
May,	1,386	1,435	1,417	1,330	1,204	1,329

The death rate was 14.8 for the large towns, for the small towns 14.5, and for the whole State 14.7.

The deaths reported from infectious diseases were 209, being 15.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Cheshire, 1; Eastford, 6; Naugatuck, 38; Plymouth, 4; Stonington (borough), 1; Willimantic (city), 15; Windham (town), 6; Woodstock, 1.—Total, 72 in 8 towns.

**Measles.**—Ansonia, 15; Beacon Falls, 1; Bloomfield, 2; Branford, 14+; Bridgeport, 13; Brookfield, 5; Cheshire, 1; Cornwall, 6; Danielson (borough), 3; Darien, 4; Derby, 52; East Haddam, 10; East Hartford, 3; East Haven, 19; East Lyme, 1; Enfield, 3; Fairfield, 5; Glastonbury, 3; Greenwich, 33; Guilford, 40; Hamden, 13; Hartford, 175; Huntington, 16; Killingly (town), 20; Litchfield, 1; Madison, 2; Meriden (city), 1; Middletown (city), 15; Milford, 5; Naugatuck, 1; New Britain, 19; New Fairfield, 12; New Haven, 83; New London, 2; New Milford, 100; North Branford, 2; North Haven, 25; Norwalk (city), 1; Old Saybrook, 1; Orange, 12; Plainville, 3; Plymouth, 2; Pomfret, 1; Portland, 3; Putnam, 2; Ridgefield (town), 10; Ridgefield (borough), 35; Rocky Hill, 1; Saybrook, 1; Seymour, 60+; Sharon, 11; Shelton, 41; Stafford, 29; Stafford Springs (borough), 24; Stamford (city), 56; Stamford (town), 5; Stonington (town), 7; Thomaston, 2; Wallingford, 28; Warren, 3; Waterbury, 8; West Hartford, 2; Weston, 4; Wethersfield, 6; Wilton, 13; Windsor, 4; Winsted (borough), 1; Woodbridge, 3.—Total, 1,104 in 68 towns.

**Scarlet Fever.**—Ashford, 1; Branford, 6; Bridgeport, 29; Bristol, 3; Columbia, 1; East Hartford, 1; Easton, 1; East Windsor, 1; Ellington, 1; Glastonbury, 5; Greenwich, 7; Hamden, 2; Hartford, 33; Mansfield, 5; Middletown, 1; Middletown (town), 1; New Britain, 1; New Canaan (town and borough), 1; New Haven, 9; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Orange, 5; Plainfield, 1; Plymouth, 3; Ridgefield (town), 1; Rockville, 3; Seymour, 1; Southington, 7; Stamford (city), 7; Stamford (town), 1; Stonington (town), 6; Suffield, 1; Thomaston, 1; Torrington, 6; Trumbull, 2; Voluntown, 1; Wallingford, 2; Waterbury, 3; Westport, 1; Windham (town), 2.—Total, 167 in 41 towns.

**Cerebro-Spinal Fever.**—Milford, 2.

**Diphtheria and Croup.**—Ansonia, 3; Bridgeport, 14; Bristol, 1; Chester, 8; Columbia, 4; Cornwall, (epidemic); Danbury (city), 2; Darien, 1; East Hartford, 1; Ellington, 1; Hamden, 1; Hartford, 1; Mansfield, 1; Meriden (city), 2; Middletown (city), 1; Milford, 4; New Britain, 14; New Canaan (town and borough), 4; New Hartford, 3; New Haven, 13; Norwalk (city), 1; Norwich (city), 3; Orange, 3; Portland, 3; Rockville, 3; Rocky Hill, 4; Roxbury, 1; South Norwalk (city), 1; Stamford (city), 1; Torrington, 2; Wallingford, 1; Waterbury, 13; West Hartford, 1; Willimantic (city), 1.—Total, 117 in 34 towns.

**Whooping Cough.**—Andover, 6; Beacon Falls, 3; Bristol, 6; Brookfield, 7; Danielson (borough), 1; Derby, 22; Durham, 1; East Lyme, 1; Hartford, 13; Litchfield, 5+; Madison, 2; Middletown (city), 8; Norfolk, 5; Old Saybrook, 1; Saybrook, 10; Stamford (city), 27; West Hartford, 1; Westport, 3; Wethersfield, 4; Woodstock, 20+.—Total, 146 in 20 towns.

**Typhoid Fever.**—Bethlehem, 1; Bridgeport, 11; Bristol, 2; Derby, 2; East Hartford, 3; East Windsor, 1; Enfield, 3; Groton (borough), 1; Hartford, 1; Manchester, 2; Middletown (city), 1; Milford, 1; New Haven, 13; Norwalk (town), 1; Orange, 1; Putnam, 1; Rocky Hill, 2; Seymour, 1; Stamford (city), 3; Stonington (town), 1; Stratford, 1; Torrington, 3; Wallingford, 2; Washington, 1; Waterbury, 7; Waterford, 1; Willimantic (city), 1.—Total, 68 in 27 towns.

**Consumption.**—Ansonia, 4; Berlin, 2; Bethel, 1; Bloomfield, 1; Branford, 1; Bridgeport, 15; Bristol, 4; Colchester (town), 1; Derby, 1; East Haddam, 1; East Hartford, 2; East Haven, 1; East Windsor, 2; Greenwich, 1; Hartford, 34; Manchester, 1; Meriden (city), 8; Meriden (town), 2; Middletown (city), 3; Middletown (town), 8; Milford, 2; Naugatuck, 2; New Britain, 4; New Haven, 31; New London, 6; New Milford, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 6; Portland, 1; Preston, 2; Seymour, 1; Southington, 1;

South Norwalk (city), 1; Stafford Springs (borough), 1; Stamford (city), 5; Stonington (town), 1; Stratford, 1; Suffield, 2; Thomaston, 3; Torrington, 1; Vernon (town), 1; Wallingford, 2; Waterbury, 12; Winsted (borough), 2.—Total, 186 in 46 towns.

In addition to the above the Health Officers of 64 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Fairfield, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD COUNTY—Avon, Burlington, Simsbury.

NEW LONDON COUNTY—Lyme.

LITCHFIELD COUNTY—Bridgewater, Kent, Morris, Woodbury.

MIDDLESEX CO.—Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

Measles.—Brookfield, 1.

Scarlet Fever.—Glastonbury, 1.

Cerebro-Spinal Fever.—Milford, 1.

La Grippe.—Canton, 1; Durham, 1.—Total, 2.

Diphtheria.—Chester, 3; Columbia, 1; Glastonbury, 1; New Canaan, 1.—Total, 6.

Whooping Cough.—North Haven, 1.

Consumption.—Barkhamsted, 1; Darien, 1; East Haddam, 1; East Windsor, 2; Farmington, 1; Ledyard, 1; Milford, 2; New Canaan, 1; Newington, 10; Old Lyme, 1; Portland, 1; Preston, 1; Ridgefield, 1; Sharon, 1; Sprague, 1; Trumbull, 1; Watertown, 1; Wethersfield, 1; Windsor, 1.—Total, 30.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	25	146	2	173
"    release.....	53	54	0	107
Tuberculosis .....	30	139	..	169
Typhoid Fever.....	13	36	2	51
Malaria .....	1	11	0	12
Rabies .....	7	2	..	9
Glanders .....	10	22	2	34

Total specimens examined..... 555

Samples of milk analyzed..... 356

    "    " water examined..... 40

Sewage and effluents examined..... 5

Samples of oil examined..... 1

## THE CARE OF INFANTS IN HOT WEATHER.

The hot weather of the summer season is extremely dangerous to the lives of babies and young children, not only because of the depressing effects of high temperature in general, but more especially because of the effect of hot weather upon all perishable articles of food, among which cow's milk holds first place. Every mother should nurse her baby if she can possibly do so. No other food is as good for the baby as mother's milk, but when it becomes necessary to feed the baby wholly or in part on some other food, then the best and safest substitute is cow's milk modified to suit each individual case as recommended by the family physician. It is therefore highly important that the milk used for infants' food should be clean, fresh, and pure; but no matter how fresh and pure the milk may be when delivered to the mother, it will be dangerous to the child unless it is properly cared for after reaching the home. During the hot weather ice is absolutely necessary for the preservation of milk, and all milk used for food should be cooled by ice as soon as it comes from the cow and should be kept next to the ice until ready to be used. As water is often a carrier of disease, it is safest to use only boiled water for drinking or in the preparation of a baby's food.

The nursing bottles should be so shaped as to be easily cleaned, and after using, before milk is again placed in them, they should be boiled, or at least thoroughly rinsed in boiling water and allowed to cool. The rubber nipple should be carefully washed after each nursing and then placed in a solution of boric acid, prepared by dissolving one teaspoonful of boric acid in a pint of water. Rinse thoroughly with water before using and attach directly to the neck of bottle. Under no circumstances buy a bottle with a long rubber tube attached to the nipple.

Do not put too much clothing on the baby in summer. Bathe him every day. In hot weather a quick sponge all over later in the day will give comfort and make him sleep better. Fresh air is as important for the baby's health as fresh food. During the summer keep the baby out of doors as much as possible. This Department has a special bulletin on the care of infants which will be furnished on application.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, June 15, 1912.

\* Nine delayed certificates for April have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	71	38	54	.00	Clear	84	29.96	30.31
2	71	49	60	.00	Partly Cloudy	51	29.57	
3	71	46	58	.00	Clear	100		
4	69	45	57	.00	Clear	89		
5	57	46	52	.09	Cloudy	5		
6	54	47	50	.56	Cloudy	0		
7	64	47	56	T.	Cloudy	29		
8	52	47	50	1.00	Cloudy	0		
9	68	48	58	.73	Cloudy	26		
10	70	49	60	.04	Partly Cloudy	72		
11	74	47	60	.00	Partly Cloudy	90		
12	65	53	59	.20	Cloudy	1		
13	69	48	58	T.	Cloudy	23		
14	66	42	54	.04	Partly Cloudy	84		
15	67	49	58	.01	Cloudy	51		
16	57	52	54	1.34	Cloudy	0		
17	70	52	61	.01	Partly Cloudy	55		
18	75	53	64	.00	Clear	92		
19	77	54	66	.00	Partly Cloudy	72		
20	66	51	58	.03	Partly Cloudy	58		
21	87	46	66	.16	Clear	80		
22	66	52	59	.00	Partly Cloudy	43		
23	68	50	59	T.	Partly Cloudy	54		
24	81	59	70	T.	Clear	78		
25	76	54	65	.00	Partly Cloudy	91		
26	77	52	64	.00	Clear	80		
27	80	52	66	.00	Partly Cloudy	82		
28	78	58	68	.00	Partly Cloudy	79		
29	71	65	68	.13	Cloudy	1		
30	73	54	64	.24	Cloudy	17		
31	58	50	54	.01	Cloudy	11		
Mean	69	50	60	4.59		52		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.96; highest 30.31; date 20
Lowest	29.57; date 9

TEMPERATURE.	
Highest	87°; date 21; lowest 38°; date 1
Greatest daily range	41°; date 21
Least daily range	5°; date 8
Mean highest	69.3°; lowest 50.2°

MEAN FOR THIS MONTH IN	
1905-59°	1906-59°
1907-53°	1908-61°
1909-58°	1910-58°
1911-63°	1912-60°
Mean for this month	59.8°
Normal for this month	57.5°
Absolute maximum for this month for 8 years	93°
Absolute minimum for this month for 8 years	32°
Average daily excess of this month as compared with the normal	2.3°
Accumulated deficiency (—) since January 1	186.0°
Average daily deficiency (—) since January 1	1.2°

PRECIPITATION.	
Total this month	4.59
Greatest precipitation in 24 hours 1.35, date	16-17
Normal for this month	3.54
Excess (+) of this month as compared with the normal	1.05
Accumulated excess (+) since January 1	2.42

TOTAL PRECIPITATION THIS MONTH IN	
1905-1.25	1906-4.60
1907-3.35	1908-6.52
1909-1.99	1910-2.49
1911-1.22	1912-4.59

WIND.	
Prevailing direction	South
Total movement	6,261 miles
Average hourly velocity	8.4
Maximum velocity (in five minutes) 37 miles per hour, from S.W. on 17th.	

WEATHER.	
Number of days, clear	7
Partly cloudy	12
Cloudy	12
On which .01 inch, or more, occurred	15

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	4, 14, 15, 27
Thunderstorms	9, 20, 21, 24, 30
Frost; light	1
Hail	9, 21

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 72 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1912, and a Statement of the Births and Marriages for the Month of May, 1912.

Total Estimated population of the State is 1,134,082.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,399	40	3	8	15	11.6	9	4	9.99	...	...	...	...	...	...	...	1	...	...	...	...	2	...	1	1	2	3	1	...	5	
Branford, .....	6,081	11	2	3	5	9.8	1	1	28.3	...	...	...	...	...	...	...	...	...	...	...	...	10	...	1	1	1	14	12	10	40	
Bridgeport, .....	105,159	266	18	86	166	11.8	21	9	28.3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	
Bristol, .....	13,387	22	2	9	11	9.5	7	...	63.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	
Danbury, .....	23,904	42	1	15	22	9.0	2	2	18.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
Derby, .....	9,007	36	5	15	11	14.5	2	2	36.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
East Hartford, .....	8,311	20	2	7	9	12.9	2	1	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
Enfield, .....	10,021	18	...	21	13	15.5	3	...	23.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
Fairfield, .....	6,298	9	...	1	1	1.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Fairfield, .....	6,298	9	...	1	1	1.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Greenwich, .....	16,892	32	1	16	17	12.0	...	3	17.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
Groton, .....	6,548	12	1	1	3	5.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Hamden, .....	5,972	15	...	...	5	10.0	...	1	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Hartford, .....	100,821	222	9	100	138	13.3	22	14	26.0	...	5	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	49	
Huntington, .....	6,642	17	1	2	7	5.4	1	...	14.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Killingly, .....	6,537	15	1	6	6	11.0	2	...	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Manchester, .....	13,945	37	...	11	3	2.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Meriden, .....	32,403	66	2	24	36	9.9	2	3	13.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Middletown, .....	21,075	41	1	10	10	12.5	5	2	17.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Naugatuck, .....	12,940	23	1	4	11	10.2	1	1	18.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
New Britain, .....	45,487	137	2	53	41	10.8	16	1	41.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
New Haven, .....	136,162	309	22	103	155	12.8	35	16	32.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
New London, .....	19,870	31	1	19	20	9.6	2	1	10.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
New Milford, .....	5,030	4	1	1	3	7.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Norwalk, .....	24,638	39	1	9	32	15.5	2	4	18.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orange, .....	28,577	60	4	18	31	11.3	2	1	9.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Plainfield, .....	11,609	13	2	4	10	10.2	2	...	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Plainville, .....	6,908	10	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Plymouth, .....	5,240	14	...	8	4	9.1	2	...	50.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Putnam, .....	7,274	13	...	16	7	9.8	3	...	42.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Southington, .....	6,578	15	...	4	5	9.1	1	1	40.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Stamford, .....	5,326	1	...	6	8	18.0	1	...	12.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Stonington, .....	29,835	60	2	36	43	16.4	14	...	32.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Stratford, .....	9,215	14	2	2	11	14.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Torrington, .....	5,917	14	...	...	6	12.1	2	...	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Vernon, .....	17,278	15	2	11	10	6.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Wallingford, .....	9,147	14	...	8	6	7.8	1	...	16.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Waterbury, .....	11,370	29	1	4	4	4.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Watertown, .....	75,341	170	9	45	81	12.5	16	5	25.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Windham, .....	8,770	16	...	5	10	10.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Windham, .....	12,850	25	1	8	15	14.0	2	1	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total of the 39 above towns, .....	897,536	1956	102	703	964	12.9	178	74	26.1	...	11	4	3	1	12	6	2	5	3	1	48	6	83	74	18	124	112	96	355		
121 towns of less than 5,000 inhabitants, .....	218,747	362	18	123	230	12.6	19	4	10.0	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total reported from 160 towns, .....	1,116,283	2318	120	826	1194	12.8	197	78	23.0	...	15	4	4	2	14	8	3	6	3	3	51	6	121	85	22	161	138	107	441		
Population of towns not reporting, .....	17,799	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

The Mortality in Public Institutions of the State was: in Bridgeport, 34; in Danbury, 8; in Derby, 1; in Greenwich, 2; in Huntington, 4; in Meriden, 12; in Middletown, 20; in New Britain, 6; in New Haven, 40; in New London, 8; in Norwalk, 2; in Norwich, 6; in Putnam, 3; in Stamford, 1; in Waterbury, 23; in Winchester, 3; and in Windham, 1. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in June: Andover, Ashford, Barkhamsted, Berlin, Bethany, Bolton, Bozrah, Canterbury, Chaplin, Columbia, Cornwall, Coventry, Eastford, Easton, Franklin, Goshen, Hartland, Harwinton, Killingworth, Lisbon, Marlborough, Middlebury, Monroe, North Branford, Old Lyme, Prospect, Roxbury, Salem, South Windsor, Tolland, Union, Watertown, Weston, Willington, Woodbury.—Total, 35.

The Registrars of the following towns have made no report for June: Madison, Norfolk, Plainfield, Redding, Scotland, Suffield, Westbrook, Woodbridge.—Total, 8.

# REMARKS.

By mortality reports received there were 1,194 deaths during the month of June. This was 192 less than in May and 24 more than in June of last year, and 10 less than the average number of deaths during June for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,696
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,417	1,656	1,509	1,501	1,330	1,420
May,	*1,389	1,435	1,417	1,330	1,204	1,329
June,	1,194	1,170	1,266	1,216	1,146	1,225
Total second quarter,	4,000	4,285	4,192	4,047	3,680	3,974

The death rate was 12.9 for the large towns, for the small towns 12.6, and for the whole State 12.8.

The deaths reported from infectious diseases were 174, being 14.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Ashford, 1; Eastford, 4; Naugatuck, 9; Vernon, 1; Willimantic, 14; Windham (town), 4; Woodstock, 4.—Total, 37 in 7 towns.

**Measles.**—Beacon Falls, 2; Berlin, 3; Branford (town and borough), 30+; Bridgeport, 7; Bristol (town and borough), 1; Brooklyn, 8; Chatham, 1; Chester, 1; Clinton, 1; Colchester (town), 1; Cornwall, 3; Danielson (borough), 1; Derby, 5; East Hartford, 2; Easton, 4; Fairfield, 3; Farmington, 1; Glastonbury, 4; Greenwich, 23; Groton, (town), 9; Guilford, 12; Hamden, 13; Hartford, 142; Harwinton, 1; Huntington (town), 1; Kent, 1; Killingly (town), 5; Litchfield (town and borough), 4; Lyme, 10; Madison, 7; Manchester, 1; Middletown (city), 12; Milford, 1; New Britain, 8; New Haven, 49; Newington, 1; New Milford, 5; North Haven, 25; Norwalk (city), 1; Old Lyme, 8; Old Saybrook, 1; Orange, 19; Plainfield, 1; Plymouth, 1; Pomfret, +9; Portland, 3+; Putnam (city and town), 11; Rocky Hill, 6; Seymour, 24; Shelton (borough), 28; Southington, 1; Stafford, 26; Stafford Springs, 3; Stamford (city), 37; Stamford (town), 2; Stonington, 7; Thompson, 1; Wallingford (town and borough), 7; Washington, 2; Waterbury, 4; Westport, 5; Wethersfield, 15; Willington, 5; Wilton, 1.—Total, 628 in 64 towns.

**Scarlet Fever.**—Bridgeport, 23; Bristol (town and borough), 6; Clinton, 1; Derby, 1; Greenwich, 3; Hartford, 18; Manchester, 1; Middletown (city), 2; Milford, 2; New Britain, 5; New Canaan (town and borough), 2; New Haven, 7; Orange, 2; Plainfield, 1; Plymouth, 1; Roxbury, 4; South Norwalk, 2; Stamford (city), 2; Stonington (town), 2; Stratford, 1; Torrington (town and borough), 4; Wallingford (town and borough), 2; Washington, 5; Waterbury, 6; Wethersfield, 3; Windsor, 1; Windsor Locks, 1.—Total, 108 in 27 towns.

**Infantile Paralysis.**—Ansonia, 1; New Haven, 2.—Total, 3 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 1; Avon, 1; Barkhamsted, 1; Berlin, 3; Bethlehem, 1; Bridgeport, 9; Bristol (town and borough), 1; Darien, 1; East Hartford, 2; Enfield, 1; Glastonbury, 1; Groton (town), 1; Hartford, 37; Killingly (town), 1; Meriden (city), 1; Middlefield, 1; Middletown (city), 2; Milford, 1; New Britain, 11; New Haven, 14; North Haven, 2; Norwalk (city), 1; Norwich (city), 1; Orange, 2; Rockville (city), 5; Stamford (city), 1; Stratford, 2; Torrington (town and borough), 5; Voluntown, 2; Waterbury, 4; West Hartford, 1; Wethersfield, 1; Willimantic, 2; Windsor, 1; Windsor Locks, 1.—Total, 122 in 35 towns.

**Whooping Cough.**—Bristol (town and borough), 2; Brooklyn, 42; Chatham, 3; Cornwall, 3; Durham, 3; East Lyme, 1; Ellington, 2; Greenwich, 3; Hartford, 4; Killingly (town), 5; Madison, 10; Naugatuck, 1; Norfolk, 1; North Canaan, 8; North Haven, 6; Norwalk (town), 2; Old Lyme, 1; Old Saybrook, 1; Orange, 1; Prospect, 1; Salisbury (town), epidemic; Saybrook, epidemic; Stamford (city), 14; Tolland, 1; Waterbury, 2; Wethersfield, 2; Woodstock, 8.—Total, 89 in 27 towns.

**Typhoid Fever.**—Branford (town and borough), 1; Essex, 1; Greenwich, 1; Groton (town), 1; Hartford, 3; Meriden, (town), 1; Middlefield, 2; Middletown (city), 2; Middletown (town), 1; Milford, 1; New Britain, 1; New Haven, 13; New London, 2; New Milford, 1; Orange, 3; Plainfield, 1; Rockville (city), 1; Rocky Hill, 1; Saybrook, 1; Shelton (borough), 1; Stamford (city), 1; Suffield, 1; Torrington (town and borough), 1; Waterbury, 10; West Hartford, 1.—Total, 53 in 25 towns.

**Consumption.**—Ansonia, 2; Berlin, 1; Branford (town and borough), 2; Bridgeport, 12; Bristol (town and borough), 1; Canaan, 1; Cromwell, 1; Derby, 1; Enfield, 1; Essex, 2; Guilford, 1; Hartford, 22; Led-

yard, 1; Manchester, 1; Meriden (city), 3; Meriden (town), 3; Middletown (city), 4; Middletown (town), 16; Naugatuck, 2; New Britain, 7; New Haven, 30; New London, 7; Newtown, 3; Norwalk (town), 1; Norwich (city), 3; Orange, 1; Oxford, 1; Plainfield, 1; Plymouth, 1; Shelton (borough), 1; Simsbury, 1; So. Norwalk, 2; Stamford (city), 5; Suffield, 2; Wallingford (town and borough), 1; Waterbury, 7; Willimantic, 2; Windham (town), 1; Winsted (borough), 1; Woodbridge, 1; Woodstock, 1.—Total 157 in 41 towns.

In addition to the above the Health Officers of 71 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Middlesex and Tolland Counties have reported, but the Health Officer of the following town has not reported:

LITCHFIELD COUNTY—Morris.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Colchester, 1.

**Measles.**—Newington, 1; Rocky Hill, 2; Seymour, 1.—Total, 4.

**Cerebro-Spinal Fever.**—Milford, 1.

**Diphtheria.**—Voluntown, 1; West Hartford, 1.—Total, 2.

**Whooping Cough.**—Brooklyn, 1; Ellington, 1.—Total, 2.

**Typhoid Fever.**—East Haven, 1.

**Consumption.**—Bethel, 1; Brooklyn, 1; Canaan, 1; Durham, 1; Ellington, 1; Essex, 1; Griswold, 1; Milford, 2; Newington, 18; Newtown, 1; Oxford, 1; Preston, 3; Salisbury, 1; Saybrook, 1; Sharon, 1; Southbury, 1; Voluntown, 1; Windsor, 1.—Total, 38.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	6	26	0	32
"    release .....	18	41	1	60
Typhoid Fever .....	17	41	0	58
Tuberculosis .....	29	102	0	131
Malaria .....	0	12	0	12
Rabies .....	2	0	0	2
Glanders .....	17	13	2	32
Total specimens examined .....				327
Samples of milk analyzed .....				315
"    " water examined .....				32
Sewage and effluents examined .....				4
Samples of oil examined .....				5

## TIMELY SUGGESTIONS.

Our statistics show that the mortality from typhoid fever is about seventeen per cent of the reported cases. As the usual mortality from this disease is about ten per cent it shows a laxity in reporting that is not commendable. The importance of a prompt report of typhoid cases can not be overestimated. Twelve physicians each seeing a case of typhoid would not have any suspicions aroused of an outbreak, but a dozen cases reported to the health officials at the same time would bring about immediate action in avoiding further spread of the disease.

In investigating the cause of typhoid fever outbreaks health officers should always keep in mind the part liable to be played by the chronic bacillus carrier. Kutscher thinks that about four per cent. of typhoid patients become chronic carriers of the specific bacillus which they excrete in both urine and feces. Apparently healthy persons are found who never to their knowledge have had typhoid fever, yet are carriers of the bacilli, which they give off from time to time to infect susceptible persons. For the purpose of aiding health officers to detect these carriers our laboratory is prepared to make examinations of fecal specimens.

The greatest advance in typhoid prevention of recent years has been vaccination. This prophylactic is applicable to all individuals liable to exposure from typhoid infection. The measure is simple, easy of execution, and affords protection where all else fails. It was successfully employed in the Torrington epidemic of a year ago, and as evidence of its popularity there, the local military company in anticipation of the summer encampment asked the State military authorities to vaccinate them against typhoid, and this has been done. This measure of prevention is particularly useful in the military service or where large numbers of people are gathered together in camps or summer colonies. President Taft at the beginning of the present year was asked by one of the New York papers to state what he considered the five most important achievements of the year just closed, and as the second of these he gave the demonstration of the value of typhoid prophylaxis whereby twenty thousand troops were mobilized in Texas for three months without the development of a single case of typhoid fever.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, July 15, 1912.

\* Three delayed certificates for May have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)		
	Max.	Min.	Mean.				Mean	Lowest	date
1	83	52	68	.00	Clear	95	30.00	30.33	date 10
2	80	60	74	T.	Partly Cloudy	83	29.70		date 12
3	81	65	73	.00	Partly Cloudy	83			
4	84	62	73	.08	Partly Cloudy	74			
5	71	56	64	.00	Clear	95			
6	70	51	60	.30	Cloudy	24			
7	65	52	58	.00	Partly Cloudy	76			
8	68	44	56	.00	Clear	96			
9	68	46	57	.00	Clear	100			
10	74	46	60	.00	Clear	91			
11	81	57	69	.00	Partly Cloudy	86			
12	80	61	70	T.	Cloudy	56			
13	67	51	59	.00	Clear	100			
14	69	46	58	.00	Partly Cloudy	100			
15	68	45	56	T.	Cloudy	75			
16	65	55	60	.10	Cloudy	0			
17	87	63	75	.02	Partly Cloudy	61			
18	75	57	66	.00	Partly Cloudy	86			
19	74	54	64	.00	Partly Cloudy	85			
20	79	58	68	.00	Clear	83			
21	82	57	70	.13	Partly Cloudy	64			
22	82	60	71	.00	Partly Cloudy	70			
23	84	56	70	.00	Partly Cloudy	88			
24	87	63	75	.00	Partly Cloudy	76			
25	84	66	75	T.	Cloudy	62			
26	87	68	78	.03	Cloudy	77			
27	79	58	68	.00	Partly Cloudy	84			
28	84	55	70	.00	Partly Cloudy	76			
29	90	68	79	.00	Cloudy	74			
30	73	54	64	.00	Clear	100			
Mean	78	56	67	0.66		77			

TEMPERATURE.						
Highest	90°	date 29	lowest	44°	date 8	
Greatest daily range	31°				date 1	
Least daily range	16°				date 16	
Mean highest	77.7°		lowest	56.2°		

MEAN FOR THIS MONTH IN						
1905-66°	1906-68°	1907-65°	1908-70°	1909-68°	1910-66°	1911-67°
1912-67°						
Mean for this month	67.0°					
Normal for this month	67.1°					
Absolute maximum for this month for 8 years	92°					
Absolute minimum for this month for 8 years	40°					
Average daily deficiency of this month as compared with the normal	0.1°					
Accumulated deficiency (—) since January 1	159.0°					
Average daily deficiency (—) since January 1	1.0°					

PRECIPITATION.	
Total this month	0.66
Greatest precipitation in 24 hours	0.30, date
Normal for this month	3.08
Deficiency (+) of this month as compared with the normal	2.42
Accumulated excess (+) since January 1	0.00

TOTAL PRECIPITATION THIS MONTH IN						
1905-4.35	1906-2.19	1907-3.44	1908-2.42	1909-2.23	1910-4.16	
		1911-2.55	1912-0.66			

WIND.	
Prevailing direction	N. W.
Total movement	5,278 miles
Average hourly velocity	7.3
Maximum velocity (in five minutes)	30 miles per hour, from south on 6th.

WEATHER.	
Number of days, clear	8
Partly cloudy	15
Cloudy	7
On which .01 inch, or more, occurred	6

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	14, 15
Halos, lunar	15
Thunderstorms	4, 26
Dense fog	15

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 61 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1912,  
and a Statement of the Births and Marriages for the Month of June, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.....	15,616	43	1	14	106	15.3	3	5	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2	.....	1	.....	2	.....	.....	.....	
Branford.....	6,115	12	.....	5	9	17.6	.....	.....	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport.....	108,266	252	11	155	127	13.7	47	8	43.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bristol.....	11,273	37	2	12	11	9.2	.....	.....	2.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury.....	24,307	52	1	26	32	14.8	10	1	34.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Derby.....	9,203	21	.....	14	13	16.9	6	1	53.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford.....	8,484	12	.....	14	13	16.9	6	1	53.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford.....	8,484	12	.....	14	13	16.9	6	1	53.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	10,323	27	1	27	18	20.9	8	4	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield.....	6,463	15	.....	5	16	29.7	.....	.....	6.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenfield.....	17,321	28	3	46	20	13.8	5	2	35.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich.....	6,601	9	.....	5	5	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton.....	6,694	11	.....	6	10	19.6	5	1	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hamden.....	102,728	246	5	180	149	13.5	34	19	35.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford.....	6,730	10	.....	7	17	24.3	5	1	35.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Huntington.....	6,510	14	.....	21	4	7.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingly.....	14,249	23	.....	5	8	6.7	2	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester.....	32,740	62	3	45	41	10.9	6	.....	14.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown.....	24,401	52	2	27	50	20.1	13	2	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck.....	13,158	25	1	16	13	11.8	9	.....	69.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain.....	47,058	137	3	53	48	11.9	25	3	38.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain.....	138,720	331	8	227	179	14.2	44	12	31.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London.....	20,081	37	4	28	37	19.7	7	3	27.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford.....	5,051	10	.....	5	5	11.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk.....	25,066	35	3	39	23	10.5	1	1	8.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich.....	28,935	48	.....	28	47	17.8	12	2	20.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	12,127	18	.....	12	10	9.8	.....	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	7,008	9	.....	8	3	5.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,459	16	.....	3	7	15.3	2	.....	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,267	10	.....	29	6	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour.....	5,035	11	.....	11	1	2.3	.....	.....	100.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington.....	6,641	10	.....	4	11	19.8	3	.....	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,420	5	.....	5	4	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	30,835	73	1	54	14	15.9	8	4	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	9,276	13	2	9	18	23.2	4	4	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	6,123	8	.....	8	1	1.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,717	28	2	15	15	10.1	5	1	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,207	11	.....	11	4	5.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,585	26	.....	16	19	19.6	9	2	57.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	77,541	146	5	77	100	14.3	34	13	47.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford.....	5,132	6	.....	5	10	23.3	.....	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford.....	5,132	6	.....	5	10	23.3	.....	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	8,802	13	1	10	11	12.1	4	.....	36.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	13,097	26	3	15	18	11.9	2	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns.....	933,953	1986	65	1283	1103	15.3	326	96	35.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120 towns of less than 5,000 inhabitants.....	213,411	337	15	225	245	13.7	48	12	24.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns.....	1,147,364	2323	70	1508	1438	15.0	374	108	33.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting.....	8,681	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 28; in Danbury, 4; in Derby, 1; in Greenwich, 3; in Hartford, 78; in Huntington, 5; in Meriden, 17; in Middletown, 30; in New Britain, 4; in New Haven, 60; in New London, 10; in Norwich, 7; in Putnam, 3; in Stamford, 6; in Waterbury, 30; in Winchester, 4; and in Windham, 10. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Andover, Avon, Barkhamsted, Bethany, Bethlehem, Canaan, Colebrook, Durham, East Granby, Franklin, Hampton, Hartland, Hebron, Killingworth, Ledyard, Lisbon, Lyme, Mansfield, Monroe, Morris, New Fairfield, New Hartford, Oxford, Prospect, Rocky Hill, Roxbury, Salem, Sherman, Southbury, Tolland, Washington.—Total, 34.

The Registrars of the following towns have made no report for July: Chaplin, Cornwall, Norfolk, Trumbull, Waterford, Westbrook.—Total, 6.

# REMARKS.

By mortality reports received there were 1,438 deaths during the month of July. This was 227 more than in June and 104 less than in July of last year, and 121 less than the average number of deaths during July for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,606
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,417	1,656	1,509	1,501	1,330	1,420
May,	1,359	1,435	1,417	1,330	1,204	1,329
June,	*1,211	1,170	1,266	1,216	1,146	1,225
Total second quarter,	4,017	4,285	4,192	4,047	3,680	3,974
July,	1,438	1,632	1,735	1,412	1,496	1,518

The death rate was 15.3 for the large towns, for the small towns 13.7, and for the whole State 15.0.

The deaths reported from infectious diseases were 167, being 11.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Naugatuck, 7; Willimantic (city), 1.—Total, 8 in 2 towns.

**Measles.**—Beacon Falls, 3; Branford, 7; Bridgeport, 8; Bristol, 2; Canaan, 1; Clinton, 1; East Haven, 1; East Lyme, 9; East Windsor, 2; Fairfield, 2; Glastonbury, 7; Greenwich, 1; Groton, 5; Guilford, 1; Haddam, 1; Hartford, 13; Harwinton, 1; Killingly, 1; Lebanon, 1; Litchfield, 1; Lyme, 4; Madison, 1; Middlefield, 1; Middletown (city), 18; Naugatuck, 1; New Britain, 5; New Haven, 14; New London, 1; North Canaan, 1; North Haven, 6; Old Lyme, 6; Orange, 6; Plainfield, 2; Plymouth, 5; Pomfret, 10; Putnam, 6; Rocky Hill, 18; Stafford, 2; Stafford Springs (borough), 1; Stonington, 7; Stratford, 1; Thompson, 1; Trumbull, 2; Wallingford, 5; Washington, 2; Waterbury, 5; Westbrook, 2; West Hartford, 1; Wethersfield, 2; Willington, 1; Woodstock, 1.—Total, 326 in 51 towns.

**Scarlet Fever.**—Berlin, 1; Bridgeport, 21; Canaan, 1; East Hartford, 2; East Lyme, 1; Enfield, 1; Fairfield, 1; Greenwich, 6; Hartford, 10; Manchester, 1; Mansfield, 1; Middletown, 4; Milford, 1; New Britain, 3; New Haven, 4; Orange, 2; Plainfield, 3; Plymouth, 1; Rockville (city), 2; Southington, 2; Stafford Springs (borough), 1; Stamford (city), 1; Waterbury, 1; Wethersfield, 1; Willington, 1; Windsor, 3.—Total, 76 in 26 towns.

**Cerebro-Spinal Fever.**—Milford, 1.

**Infantile Paralysis.**—Derby, 2; Enfield, 2; Seymour, 1; Shelton (borough), 1. Total, 6 in 4 towns.

**Diphtheria and Croup.**—Bridgeport, 6; Bristol, 1; Canaan, 1; Canton, 1; Danbury (city), 1; Derby, 1; East Haddam, 1; Essex, 1; Glastonbury, 2; Greenwich, 1; Groton (town), 1; Groton (borough), 1; Hartford, 9; Manchester, 2; Meriden (city), 3; Middletown (city), 2; Naugatuck, 1; New Britain, 7; New Haven, 13; Newington, 1; North Haven, 2; Norwalk (city), 1; Norwalk (town), 2; Orange, 2; Rockville (city), 3; Sharon, 5; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Thomaston, 1; Torrington, 5; Trumbull, 1; Waterbury, 7; Willimantic (city), 2.—Total, 90 in 34 towns.

**Whooping Cough.**—Beacon Falls, "good many"; Bristol, 2; Brookfield, 5; Canaan, 1; Cornwall, "epidemic"; Durham, 2; Goshen, 2; Lebanon, 4; Litchfield, 1; Middletown (city), 1; Milford, 2; Naugatuck, 1; New London, 7; Norfolk, 1; North Canaan, 8; North Haven, 4; Old Lyme, 3; Salisbury, "epidemic"; Saybrook, "some cases"; Stamford (city), 1; Suffield, 1; Windham, 1; Windsor, 4; Woodstock, 15.—Total, 67+ in 24 towns.

**Typhoid Fever.**—Bethlehem, 1; Branford, 1; Bridgeport, 3; Bristol, 1; Danbury (city), 2; Greenwich, 3; Guilford, 1; Hamden, 3; Hartford, 2; Killingly, 1; Litchfield, 1; Manchester, 4; Meriden (city), 2; Middlefield, 1; Middletown, 4; Morris, 2; New Britain, 1; New Canaan, 1; New Haven, 27; New London, 1; Norwalk (city), 1; Norwalk (town), 3; Orange, 2; Portland, 1; Ridgefield (borough), 1; Saybrook, 1; Seymour, 1; Southington, 2; Southington, 1; South Norwalk (city), 2; Stamford (city), 3; Stamford (town), 1; Torrington, 3; Waterbury, 24; Watertown, 1; Willimantic (city), 7; Woodbury, 1.—Total, 117 in 34 towns.

**Consumption.**—Bethel, 1; Bridgeport, 22; Bristol, 1; Brookfield, 1; Canaan, 1; Chaplin, 1; Chatham, 1; Colebrook, 1; Danbury (city), 1; Danielson (borough), 1; Darien, 1; East Hartford, 1; East Windsor, 1; Essex, 1; Granby, 1; Greenwich, 1; Hamden, 1; Hartford, 24; Killingly, 2; Meriden (city), 1; Meriden (town), 3; Middletown (city), 1;

Milford, 1; New Britain, 4; New Canaan, 1; New Haven, 48; New London, 4; Norfolk, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 3; Plainfield, 1; Preston, 1; Putnam, 2; Ridgefield (borough), 1; Rocky Hill, 1; Shelton (borough), 1; Simsbury, 2; Southington, 1; South Norwalk (city), 1; Sprague, 1; Stamford (city), 4; Waterbury, 17; West Hartford, 1; Willimantic (city), 3; Winsted (borough), 2.—Total, 174 in 46 towns.

In addition to the above the Health Officers of 70 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Windham, Middlesex and Tolland Counties have reported, but the Health Officer of the following towns has not reported:

FAIRFIELD COUNTY—Newtown.

LITCHFIELD COUNTY—Bridgewater.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Old Lyme, 1.

**Scarlet Fever.**—Windsor, 1.

**Cerebro-Spinal Fever.**—Windsor, 1.

**Diphtheria and Croup.**—Sharon, 2.

**Whooping Cough.**—North Canaan, 1; Simsbury, 1.—Total, 2.

**Typhoid Fever.**—Milford, 1.

**Consumption.**—Berlin, 2; Canton, 1; Darien, 1; East Windsor, 1; Farmington, 1; Granby, 1; Guilford, 1; Haddam, 1; Newington, 6; Newtown, 1; North Stonington, 1; Preston, 3; Sprague, 1; Wethersfield, 1.—Total, 22.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	15	26	0	41
"    release .....	6	18	0	24
Typhoid Fever .....	21	56	0	77
Tuberculosis .....	15	109	2	126
Malaria .....	0	8	1	9
Rabies .....	3	1	0	4
Glanders .....	12	18	1	31
Total specimens examined .....				312
Samples of milk analyzed .....				398
"    " water examined .....				33
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## THE REPORTING AND CARE OF TUBERCULOSIS.

We wish to call the attention of physicians to the change made by the last Legislature in the law concerning the Reporting and Care of Tuberculosis. In case of the vacation of any house or apartment by the death or removal of a person having tuberculosis, it became under the original act the duty of the attending physician, or owner, or occupant, or the person having charge of such premises to notify the local health officer. The law as amended now places the sole responsibility of reporting on the attending physician, and the amended section reads as follows:

**Disinfection of Premises.**—In case of the vacation of any apartments or premises, by death, by a person having tuberculosis, the physician signing the death certificate, or in case of the removal therefrom of any such person, the attending physician, if any, or if there be none, the person having charge of such apartments or premises, shall, within twenty-four hours after such death or removal, give notice thereof to the health officer of the city, town, or borough wherein such apartments or premises are located, and such apartments or premises so vacated shall not again be occupied until duly disinfected, cleansed, or renovated as hereinafter provided.

We have a supply of leaflets giving this law in full, which we can furnish health officers for distribution to the physicians of their towns.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, August 15, 1912.

\* Seven teen delayed certificates for June have been received since the publication of the last Bulletin.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	80	48	64	.00	Clear	88	29.99	30.35; date 2
2	84	59	72	.00	Partly Cloudy	79	29.54	date 29
3	90	61	76	.00	Clear	92		
4	90	65	78	.00	Clear	92		
5	88	67	78	.00	Clear	87		
6	87	67	77	.00	Clear	85		
7	89	67	78	.00	Clear	92		
8	96	69	82	.00	Partly Cloudy	77		
9	98	67	82	.32	Partly Cloudy	70		
10	94	72	83	.03	Partly Cloudy	65		
11	89	72	80	T.	Cloudy	75		
12	87	70	78	T.	Partly Cloudy	55		
13	80	67	74	.00	Partly Cloudy	51		
14	81	68	74	.44	Cloudy	26		
15	88	70	79	.00	Partly Cloudy	68		
16	87	71	79	.00	Partly Cloudy	80		
17	80	63	72	.02	Cloudy	14		
18	81	68	74	.77	Cloudy	12		
19	76	61	68	.00	Clear	74		
20	75	53	64	.00	Partly Cloudy	65		
21	72	63	68	1.00	Cloudy	00		
22	80	62	71	.00	Clear	76		
23	72	57	64	.00	Partly Cloudy	86		
24	77	53	65	.00	Partly Cloudy	88		
25	80	50	65	.00	Clear	78		
26	81	59	70	.01	Partly Cloudy	70		
27	76	61	68	.00	Partly Cloudy	76		
28	85	56	70	T.	Partly Cloudy	84		
29	80	65	72	.28	Cloudy	23		
30	81	63	72	T.	Cloudy	57		
31	74	58	66	.03	Cloudy	20		
Mean	83	63	73	2.90		65		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	29.99; highest. 30.35; date 2
Lowest	29.54; date 29

TEMPERATURE.	
Highest	98°; date 9; lowest. 48°; date 1
Greatest daily range	32°; date 1
Least daily range	9°; date 21
Mean highest	83.2°; lowest. 63.6°

MEAN FOR THIS MONTH IN	
1905-73°	1906-72°
1907-73°	1908-75°
1909-71°	1910-74°
1911-75°	1912-73°
Mean for this month	73.1°
Normal for this month	71.6°
Absolute maximum for this month for 8 years	100°
Absolute minimum for this month for 8 years	48°
Average daily excess of this month as compared with the normal	1.5°
Accumulated deficiency (—) since January 1	142.5°
Average daily deficiency (—) since January 1	0.7°

PRECIPITATION.	
Total this month	2.90
Greatest precipitation in 24 hours 1.00, date	21
Normal for this month	4.11
Deficiency (—) of this month as compared with the normal	1.21
Accumulated deficiency (—) since January 1	1.21

TOTAL PRECIPITATION THIS MONTH IN	
1905-2.71	1906-5.09
1907-1.86	1908-5.74
1909-1.59	1910-2.47
1911-2.97	1912-2.90

WIND.	
Prevailing direction	South
Total movement	5,566 miles
Average hourly velocity	7.5
Maximum velocity (in five minutes) 36 miles per hour, from N.W. on 9th.	

WEATHER.	
Number of days, clear	9
Partly cloudy	14
Cloudy	8
On which .or inch, or more, occurred	6

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	None
Halos, lunar	None
Thunderstorms	9, 10, 11, 14, 17, 18, 29, 31
Dense fog	None

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 67 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1912, and a Statement of the Births and Marriages for the Month of July, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.			
Ansonia, .....	15,646	62	1	5	14	10.7	7	3	71.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4		
Brantford, .....	6,115	12	.....	.....	6	11.7	.....	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59		
Bridgeport, .....	108,265	286	12	89	128	13.4	47	9	43.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6		
Bristol, .....	14,273	19	.....	6	13	10.9	7	2	69.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12		
Danbury, .....	24,397	37	2	12	25	10.8	6	1	28.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3		
Derby, .....	9,293	37	1	12	13	14.3	5	.....	38.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12		
East Hartford, .....	8,454	13	.....	.....	6	8.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
Enfield, .....	10,323	24	.....	32	17	19.7	4	1	20.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
Fairfield, .....	6,403	7	.....	.....	3	10.9	.....	.....	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2		
Greenwich, .....	17,321	32	2	21	29	18.7	10	.....	34.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16		
Groton, .....	6,601	9	.....	6	7	12.7	.....	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4		
Hamden, .....	6,094	9	.....	.....	3	15.7	.....	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10		
Hartford, .....	102,728	258	13	90	153	13.8	44	14	37.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73		
Huntington, .....	6,739	18	.....	16	11	16.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7		
Killingly, .....	6,510	8	.....	.....	4	7.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3		
Manchester, .....	14,249	25	1	5	8	6.7	.....	.....	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15		
Meriden, .....	32,740	74	9	24	47	13.1	11	5	34.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17		
Middletown, .....	21,401	57	2	19	40	15.6	13	5	45.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck, .....	13,158	35	.....	7	8	7.2	.....	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain, .....	47,058	169	4	49	67	16.5	39	5	65.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	
New Haven, .....	138,720	319	14	231	187	14.7	47	10	30.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74	
New London, .....	20,081	36	3	38	34	19.1	5	1	17.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford, .....	5,051	6	.....	3	3	7.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	
Norwalk, .....	25,066	45	4	17	19	9.0	2	2	21.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich, .....	28,935	55	2	20	49	19.9	14	3	34.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	
Orange, .....	12,127	20	.....	4	9	8.9	.....	.....	22.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield, .....	7,098	12	2	6	4	6.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth, .....	5,459	10	2	1	5	10.9	3	1	80.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pittsford, .....	7,267	22	.....	23	6	9.9	.....	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Seymour, .....	5,095	10	3	2	5	11.9	.....	.....	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington, .....	6,641	16	.....	3	8	14.4	.....	.....	37.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford, .....	5,420	12	1	5	7	15.5	3	.....	48.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford, .....	30,855	60	3	42	41	15.1	13	7	48.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stonington, .....	9,270	15	.....	8	6	7.2	.....	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stratford, .....	6,123	11	.....	1	5	9.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington, .....	17,717	21	2	16	24	16.3	11	2	54.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon, .....	9,207	11	.....	9	8	10.4	.....	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallingford, .....	11,585	24	.....	12	14	14.5	.....	.....	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury, .....	77,584	156	4	47	87	13.3	38	9	54.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
West Hartford, .....	5,132	9	.....	.....	3	7.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester, .....	8,802	22	1	9	7	8.1	.....	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham, .....	13,697	26	2	17	27	24.7	8	3	46.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 42 above towns, .....	933,953	2012	94	912	1166	15.0	364	89	38.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
122 towns of less than 5,000 inhabitants, .....	215,066	359	12	117	257	14.3	42	7	19.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 164 towns, .....	1,149,019	2371	106	1029	1426	14.8	406	96	35.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting, .....	7,026	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 8; in Derby, 2; in Greenwich, 9; in Hartford, 85; in Huntington, 2; in Meriden, 12; in Middletown, 16; in New Britain, 9; in New Haven, 63; in New London, 8; in Norwalk, 2; in Norwich, 10; in Stamford, 8; in Waterbury, 18; in Winchester, 1; and in Windham, 7. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Bridgegewater, Brookfield, Hampton, Killingworth, Morris, New Fairfield, Old Saybrook, Plainville, Prospect, Salem, Saybrook, Sherman, Southbury, Sterling, Tolland, Union.—Total, 17.

The Registrars of the following towns have made no report for August: Bethel, Bolton, Cornwall, Wilton.—Total, 4.

# REMARKS.

By mortality reports received there were 1,426 deaths during the month of August. This was 34 more than in July and 24 less than in August of last year, and 80 less than the average number of deaths during August for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,696
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,417	1,678	1,509	1,501	1,330	1,420
May,	1,389	1,435	1,417	1,330	1,204	1,329
June,	1,212	1,172	1,266	1,216	1,146	1,225
Total second quarter,	4,018	4,285	4,192	4,047	3,680	3,974
July,	1,450	1,632	1,735	1,412	1,496	1,518
August,	1,426	1,443	1,426	1,492	1,410	1,761

The death rate was 15.0 for the large towns, for the small towns 14.3, and for the whole State 14.8.

The deaths reported from infectious diseases were 140, being 9.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—Naugatuck, 1.

**Measles.**—Branford, 6; Bridgeport, 3; Chatham, 1; East Haven, 1; Glastonbury, 2; Hartford, 19; Ledyard, 1; Meriden (city), 1; Middletown (city), 2; Middletown (town), 2; Naugatuck, 1; New Haven, 1; Pomfret, 3; Rocky Hill, 1; Simsbury, 1; Stafford Springs (borough), 1; Stamford (city), 2; Waterbury, 2.—Total, 50 in 18 towns.

**Scarlet Fever.**—Ansonia, 1; Branford, 1; Bridgeport, 10; Brooklyn, 1; Hartford, 9; Hebron, 1; Madison, 1; New Britain, 3; New Haven, 5; Plainfield, 2; Rockville (city), 2; Southington, 1; Stratford, 2; Torrington, 1; Washington, 1; Waterbury, 2; West Hartford, 2.—Total, 45 in 17 towns.

**Cerebro-Spinal Fever.**—New Britain, 1.

**Infantile Paralysis.**—Ansonia, 1; Bridgeport, 5; Enfield, 1; Milford, 1; Shelton (borough), 1.—Total, 9 in 5 towns.

**Diphtheria and Croup.**—Ansonia, 1; Bridgeport, 4; Danbury (city), 2; Ellington, 1; Enfield, 1; Fairfield, 1; Greenwich, 2; Groton (borough), 1; Hartford, 16; Manchester, 1; Meriden (city), 3; Middletown (city), 2; New Britain, 9; New Haven, 9; Newtown, 4; Portland, 1; Putnam, 1; Rockville (city), 1; Stafford Springs (borough), 2; Stamford (city), 5; Thomaston, 1; Trumbull, 1; Wallingford, 1; Waterbury, 5; Willimantic (city), 5; Windsor Locks, 1.—Total, 81 in 26 towns.

**Whooping Cough.**—Bridgeport, 1; Cornwall, 1; East Haddam, "yes"; Greenwich, 1; Naugatuck, 1; Norfolk, 1; Norwalk (city), 5; Old Lyme, 2; Plainville, 1; Salisbury, "epidemic"; Thomaston, 2; Waterbury, 2; Woodstock, 6.—Total, 23+ in 13 towns.

**Typhoid Fever.**—Bridgeport, 3; Danbury (city), 1; Derby, 1; East Hartford, 1; Enfield, 2; Fairfield, 1; Glastonbury, 1; Greenwich, 3; Groton (town), 2; Groton (borough), 1; Hamden, 14; Hartford, 11; Lebanon, 2; Manchester, 2; Mansfield, 1; Meriden (city), 1; Middletown (city), 4; New Britain, 4; New Haven, 50; Newtown, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 1; Orange, 1; Ridgefield (borough), 1; Seymour, 1; Southington, 3; South Norwalk (city), 2; Stamford (city), 5; Torrington, 5; Waterbury, 20; Watertown, 1; Willimantic (city), 2; Willington, 11.—Total, 158 in 35 towns.

**Consumption.**—Bethany, 1; Bozrah, 1; Bridgeport, 13; Brookfield, 2; Derby, 1; Enfield, 1; Glastonbury, 2; Greenwich, 1; Hamden, 1; Hartford, 19; Manchester, 4; Meriden (city), 1; Middletown (city), 1; Middletown (town), 2; New Britain, 4; New Haven, 26; New London, 1; Norfolk, 1; North Haven, 1; Norwalk (city), 1; Norwich (city), 3; Old Saybrook, 1; Preston, 3; Putnam, 2; Rockville (city), 2; Saybrook, 1; Simsbury, 1; Southington, 1; South Norwalk (city), 1; Stafford Springs (borough), 1; Thomaston, 2; Waterbury, 5; West Hartford, 1.—Total, 108 in 33 towns.

In addition to the above the Health Officers of 100 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD COUNTY—Avon, Bristol (town and borough).  
LITCHFIELD COUNTY—Bridgewater, Plymouth, Woodbury.  
MIDDLESEX COUNTY—Middletown.

\* Twenty delayed certificates for July have been received since the publication of the last Bulletin.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Essex, 1.

**Typhoid Fever.**—Watertown, 1.

**Consumption.**—Berlin, 1; Colebrook, 1; Durham, 2; East Haddam, 2; East Lyme, 1; Griswold, 1; Litchfield, 1; New Canaan, 1; Newington, 5; Simsbury, 1; Wethersfield, 1.—Total 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Quies.
Diphtheria, diagnosis .....	12	26	0
release .....	6	29	0
Typhoid Fever .....	33	75	0
Tuberculosis .....	15	103	1
Malaria .....	0	18	0
Rabies .....	3	2	0
Glanders .....	26	11	13
Fæces for typhoid isolation .....	0	2	0
Total specimens examined .....			375
Samples of milk analyzed .....			450
" " water examined .....			46
Sewage and effluents examined .....			6
Samples of oil examined .....			5

## ALGÆ ODORS IN PUBLIC WATER SUPPLIES.

Objectionable odors due to growths of algæ in surface water supplies have been more prevalent during the present summer than usual and have given rise to so many complaints and inquiries from water consumers that the following brief statement is given in explanation of the general nature and sanitary significance of the offending growths.

The term algæ is commonly used as a general term for numerous types of water plants, most of them microscopic in size, which appear and disappear with the seasons in much the same way as do many of our land plants and flowers. Like land plants certain types of these water growths have characteristic odors which are imparted to the water, producing the conditions familiar to everyone where surface waters are used. The odors described as fishy, grassy, aromatic, etc., are due to oily compounds similar, for example, to oil of wintergreen, and are produced during the growth of the plant.

While such odors in surface waters become objectionable at times, especially during the warmer months when conditions are favorable for heavy growths, there appears to be no evidence to show that the use of the water for drinking purposes is injurious to health. It is nevertheless true that heavy algæ growths will often render the water unfit for general household use, and under such conditions money is freely spent for spring waters, more acceptable in appearance but not always as safe for drinking purposes as the public supply.

Numerous plans for the elimination of algæ troubles have been suggested; among them may be mentioned sand filtration and aëration, the removal of organic deposits from the bottom of the reservoir, covering the reservoir to keep out the sunlight necessary for the life of the algæ, and copper sulphate treatment. The first two methods are expensive and not always successful. Covering the reservoir is effective but practicable only with small reservoirs. Copper sulphate treatment has been quite extensively used in this country and abroad, and minute quantities of this chemical added to the water will usually destroy algæ growths without affecting the safety of the water for drinking purposes, but this treatment requires expert supervision, as the problems involved are complicated. No single method, then, is applicable in every case and the satisfactory solution of each problem can be determined only by a careful study of local conditions.

Respectfully submitted,

J. A. N.

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, September 16, 1912.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	75	60	68	T.	Partly Cloudy	48	29.05; highest..... 30.30; date 17	29.58; ..... date 23
2	75	55	65	.00	Partly Cloudy	53	<b>TEMPERATURE.</b>	
3	70	57	64	.26	Cloudy	37	Highest..... 89°; date 14; lowest..... 45°; date 31	
4	73	53	63	.00	Partly Cloudy	78	Greatest daily range ..... 25°; ..... date 17	
5	73	53	63	.00	Partly Cloudy	65	Least daily range ..... 7°; ..... date 18	
6	77	54	66	.00	Partly Cloudy	70	Mean highest ..... 77.4°; lowest..... 59.1°	
7	77	55	66	.00	Cloudy	33	<b>MEAN FOR THIS MONTH IN</b>	
8	79	60	70	.00	Partly Cloudy	63	1905-68° 1906-73° 1907-69° 1908-69° 1909-69° 1910-69° 1911-70° 1912-68°	
9	79	62	70	T.	Cloudy	42	Mean for this month..... 68.2°	
10	80	67	74	.09	Cloudy	25	Normal for this month ..... 68.9°	
11	84	68	76	.27	Partly Cloudy	60	Absolute maximum for this month for 8 years..... 94°	
12	86	70	78	.01	Partly Cloudy	65	Absolute minimum for this month for 8 years ..... 43°	
13	86	67	76	T.	Partly Cloudy	76	Average daily deficiency of this month as compared with the normal..... .0°	
14	89	70	80	T.	Partly Cloudy	47	Accumulated deficiency (—) since January 1 ..... 164.2°	
15	87	66	76	T.	Partly Cloudy	78	Average daily deficiency (—) since January 1 ..... 0.7°	
16	74	57	66	.00	Clear	100	<b>PRECIPITATION.</b>	
17	75	50	62	.00	Cloudy	67	Total this month ..... 3.02	
18	66	59	62	1.38	Cloudy	0	Greatest precipitation in 24 hours 1.38, date..... 18	
19	77	58	68	.11	Cloudy	37	Normal for this month ..... 4.56	
20	76	64	70	.37	Cloudy	21	Deficiency (—) of this month as compared with the normal.... 1.54	
21	74	60	67	.35	Cloudy	6	Accumulated deficiency (—) since January 1 ..... 2.75	
22	84	61	72	.01	Partly Cloudy	53	<b>TOTAL PRECIPITATION THIS MONTH IN</b>	
23	82	62	72	.15	Partly Cloudy	43	1905-5.08 1906-2.65 1907-1.03 1908-6.74 1909-3.35 1910-2.98	
24	75	58	66	.00	Clear	86	1911-5.56 1912-3.02	
25	88	65	76	.00	Clear	67	<b>WIND.</b>	
26	85	67	76	.00	Partly Cloudy	54	Prevailing direction..... South	
27	78	57	68	.00	Partly Cloudy	84	Total movement ..... 4,648 miles	
28	70	51	60	.00	Cloudy	46	Average hourly velocity ..... 6.2	
29	72	54	63	.02	Partly Cloudy	71	Maximum velocity (in five minutes) 31 miles per hour, from S.W. on 3d.	
30	66	48	57	.00	Clear	100	<b>WEATHER.</b>	
31	66	45	56	T.	Partly Cloudy	25	Number of days, clear..... 4	
Mean	77	59	68	3.02		55	Partly cloudy..... 17	
							Cloudy..... 10	
							On which .01 inch, or more, occurred..... 11	
							<b>MISCELLANEOUS PHENOMENA (dates of).</b>	
							Halos, solar ..... None	
							Halos, lunar ..... None	
							Thunderstorms..... 3, 11, 14, 21, 23, 25, 26	
							Dense fog..... 21	

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 73 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1912, and a Statement of the Births and Marriages for the Month of August, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in August.	Still Births in August.	Marriages in August.	Total Deaths.	Representing Average per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia.....	15,646	49	....	12	17	13.0	9	3	52.9	....	....	....	....	....	....	....	1	....	....	....	....	4	....	1	....	....	3	2	....	6
Brantford.....	6,115	10	3	3	4	7.8	1	3	50.0	....	....	....	....	....	....	....	....	....	....	....	....	18	2	6	....	1	....	1	....	1
Bridgeport.....	108,265	285	0	93	127	13.7	40	12	40.9	....	....	....	2	....	2	2	....	....	2	....	....	2	6	6	....	6	....	22	10	49
Bristol.....	14,273	31	2	8	12	10.0	2	1	25.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Danbury.....	24,307	41	3	10	30	13.3	6	2	26.6	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dorchester.....	9,203	25	2	11	18	18.2	9	2	61.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
East Hartford.....	8,484	17	1	5	7	8.1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fairfield.....	10,323	22	1	21	7	8.1	2	1	42.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Fairfield.....	10,323	22	1	21	7	8.1	2	1	42.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Greenwich.....	6,463	8	....	....	3	9.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Groton.....	17,321	38	1	27	25	16.6	8	3	44.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hartford.....	107,728	14	....	....	2	9	17.7	6	22.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hartford.....	107,728	14	....	....	2	9	17.7	6	22.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Killingly.....	6,239	13	1	14	8	14.7	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Manchester.....	22,710	26	2	16	10	8.4	3	2	50.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meriden.....	14,249	63	1	20	30	9.1	7	1	23.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Middletown.....	21,401	58	1	15	29	11.7	7	1	27.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Naugatuck.....	13,458	17	....	6	10	9.1	4	2	60.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Britain.....	47,038	136	4	43	55	11.6	23	3	47.2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Haven.....	138,720	349	12	107	176	13.8	39	10	27.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New London.....	20,981	47	1	40	39	16.1	3	5	26.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Milford.....	5,951	7	....	3	6	14.2	1	....	16.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Norwalk.....	25,066	33	1	15	26	12.4	6	2	30.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Norwalk.....	25,066	33	1	15	26	12.4	6	2	30.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Orange.....	28,935	43	1	21	49	19.0	13	5	36.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plainfield.....	7,008	15	....	7	4	3.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plainfield.....	7,008	15	....	7	4	3.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plymouth.....	5,459	9	1	1	6	12.0	5	1	50.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Plymouth.....	5,459	9	1	1	6	12.0	5	1	50.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Putnam.....	7,267	12	....	17	13	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Seymour.....	5,935	11	....	2	3	7.1	....	1	33.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Southampton.....	6,641	16	1	1	0	16.2	1	....	11.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Southampton.....	6,641	16	1	1	0	16.2	1	....	11.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stafford.....	5,420	....	....	....	3	6.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stafford.....	5,420	....	....	....	3	6.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stamford.....	30,835	72	3	41	24	8.5	8	2	41.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stonington.....	9,276	20	....	14	14	18.1	4	....	28.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stonington.....	9,276	20	....	14	14	18.1	4	....	28.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stratford.....	6,123	9	....	....	6	11.7	3	....	50.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Stratford.....	6,123	9	....	....	6	11.7	3	....	50.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Torrington.....	17,717	35	4	13	27	18.2	11	3	51.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Torrington.....	17,717	35	4	13	27	18.2	11	3	51.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vernon.....	9,207	17	1	5	4	5.2	....	1	25.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Vernon.....	9,207	17	1	5	4	5.2	....	1	25.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wallingford.....	11,585	25	1	6	5	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wallingford.....	11,585	25	1	6	5	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waterbury.....	77,541	203	4	42	90	13.6	38	6	48.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Waterbury.....	77,541	203	4	42	90	13.6	38	6	48.8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
West Hartford.....	5,132	10	1	2	6	14.0	1	1	33.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
West Hartford.....	5,132	10	1	2	6	14.0	1	1	33.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winchester.....	8,862	18	....	17	13	10.8	4	....	30.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winchester.....	8,862	18	....	17	13	10.8	4	....	30.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Windham.....	13,097	30	....	10	29	24.7	4	3	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Windham.....	13,097	30	....	10	29	24.7	4	3	24.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total of the 42 above towns.....	933,953	2159	66	815	1138	14.6	324	88	36.2	....	....	4	....	5	9	6	....	....	17	2	1	188	18	78	60	13	97	106	78	456
118 towns of less than 5,000 inhabitants.....	215,327	268	15	124	240	13.3	52	13	27.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total reported from 160 towns.....	1,149,280	2427	81	939	1378	14.3	376	101	34.6	....	....	4	....	5	11	7	....	....	17	3	1	209	25	95	66	14	123	129	95	574
Population of towns not reporting.....	6,765	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

The Mortality in Public Institutions of the State was: in Bridgeport, 20; in Danbury, 9; in Derby, 4; in Greenwich, 6; in Hartford, 86; in Huntingdon, 11; in Meriden, 7; in Middletown, 12; in New Britain, 55; in New Haven, 55; in New London, 8; in Norwich, 9; in Stamford, 3; in Waterbury, 17; in Winchester, 5; and in Windham, 8. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Andover, Ashford, Bethany, Canterbury, Chaplin, Clinton, Columbia, Cromwell, Durham, Hampton, Hartland, Hebron, Killingworth, Ledyard, North Branford, North Canaan, North Stonington, Old Lyme, Old Saybrook, Oxford, Pomfret, Prospect, Roxbury, Salem, Southbury, South Windsor, Union, Warren, Washington, Weston, Wolcott, Woodstock.—Total, 32.

The Registrars of the following towns have made no report for September: Bolton, Cornwall, Franklin, Lyme, Madison, Marlborough, New Fairfield, Redding.—Total, 8.

# REMARKS.

By mortality reports received there were 1,378 deaths during the month of September. This was 58 less than in August and 95 more than in September of last year, and 56 more than the average number of deaths during September for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,696
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,417	1,678	1,500	1,501	1,330	1,420
May,	1,389	1,435	1,417	1,330	1,204	1,329
June,	1,243	1,172	1,266	1,210	1,141	1,225
Total second quarter,	4,019	4,285	4,192	4,047	3,680	3,974
July,	1,458	1,632	1,735	1,412	1,496	1,518
August,	1,436	1,443	1,426	1,492	1,410	1,761
September,	1,378	1,283	1,387	1,292	1,240	1,408

Total third quarter, 4,272 4,358 4,548 4,196 4,146 4,687

The death rate was 14.6 for the large towns, for the small towns 13.3, and for the whole State 14.3.

The deaths reported from infectious diseases were 139, being 10.0 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Smallpox.**—New Britain, 1.

**Measles.**—Bridgeport, 1; East Hartford, 1; Fairfield, 1; Glastonbury, 1; Hartford, 4; New Haven, 1; Norwich (city), 4; Plainville, 1; Stamford (city), 7; Stonington (borough), 2.—Total, 29 in 10 towns.

**Scarlet Fever.**—Ansonia, 3; Branford, 3; Bridgeport, 5; Chaplin, 1; Enfield, 1; Greenwich, 1; Hartford, 12; Manchester, 2; Meriden (city), 1; Middletown, 1; New Britain, 1; New Haven, 9; Newington, 6; Plainfield, 9; Southington, 4; Stratford, 1; Thomaston, 1; Waterbury, 6; Windsor, 1; Winsted (borough), 1.—Total, 69 in 20 towns.

**Infantile Paralysis.**—Ellington, 1; Shelton (borough), 1.

**Diphtheria and Croup.**—Beacon Falls, 1; Bridgeport, 9; Canton, 2; Cornwall, 1; Danbury (city), 2; East Windsor, 4; Ellington, 3; Enfield, 1; Griswold, 1; Hartford, 27; Manchester, 4; Mansfield, 1; Meriden (city), 1; Middletown (city), 3; New Britain, 4; New Haven, 9; Norwalk (city), 1; Norwich (city), 1; Orange, 2; Putnam, 3; Stonington (borough), 1; Suffield, 3; Torrington, 1; Voluntown, 4; Waterbury, 7; Waterford, 3; Willimantic (city), 4††; Windham, 4; Windsor, 1.—Total, 142 in 29 towns.

**Whooping Cough.**—Beacon Falls, 2; Bridgeport, 1; Greenwich, 7; Milford, 1; North Canaan, 2; Plymouth, 4; Salisbury, "epidemic"; Sharon, 2; Waterbury, 1; Woodstock, 1.—Total, 21 in 10 towns.

**Typhoid Fever.**—Andover, 2; Bridgeport, 2; Bristol, 9; Brooklyn, 1; Cheshire, 1; Danbury (city), 2; Derby, 1; Durham, 1; East Hartford, 1; Guilford, 1; Hamden, 4; Hartford, 11; Hartwinton, 1; Killingly, 2; Ledyard, 1; Litchfield, 1; Meriden (city), 2; Middletown (city), 1; Milford, 1; Montville, 1; Naugatuck, 1; New Britain, 3; New Canaan, 1; New Haven, 27; New London, 2; North Haven, 1; Norwalk (city), 1; Norwalk (town), 1; Pomfret, 2; Putnam, 2; Rockville (city), 3; Seymour, 10; Stafford Springs (borough), 1; Stamford (city), 3; Stonington (town), 1; Suffield, 1; Thompson, 2; Wallingford, 1; Waterbury, 8; Watertown, 2; Willimantic (city), 2; Windsor, 2.—Total, 123 in 42 towns.

**Consumption.**—Ansonia, 3; Bolton, 1; Branford, 2; Bridgeport, 12; Bristol, 2; Brookfield, 1; Darien, 1; Derby, 1; East Granby, 1; East Haven, 1; East Windsor, 1; Essex, 1; Glastonbury, 1; Greenwich, 1; Hamden, 2; Hartford, 11; Killingly, 1; Lebanon, 1; Litchfield, 1; Meriden (city), 2; Middletown (city), 4; Middletown (town), 3; Naugatuck, 3; New Britain, 4; New Haven, 33; New London, 9; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 3; Southington, 1; South Norwalk (city), 3; Stratford, 1; Tolland, 1; Wallingford, 3; Waterbury, 17.—Total, 136 in 36 towns.

In addition to the above the Health Officers of 92 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD COUNTY—Simsbury.

LITCHFIELD COUNTY—Woodbury.

MIDDLESEX COUNTY—Middletown.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

\* One delayed certificate for June and ten for August have been received since the publication of the last Bulletin.

**Diphtheria and Croup.**—Suffield, 1; Voluntown, 1.

**Whooping Cough.**—Hartwinton, 1.

**Consumption.**—Avon, 1; Brookfield, 1; Burlington, 1; Darien, 1; East Granby, 1; East Haddam, 1; East Windsor, 1; Essex, 1; Litchfield, 1; Newington, 5; Norfolk, 1; North Haven, 1; Windsor Locks, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	11	96	0	167
release .....	7	28	0	35
Typhoid Fever .....	30	69	0	99
Tuberculosis .....	25	79	2	106
Malaria .....	0	6	0	6
Rabies .....	2	2	0	4
Glanders .....	22	37	7	66
Total specimens examined .....				423
Samples of milk analyzed .....				427
" " water examined .....				46
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## OPHTHALMIA NEONATORUM.

(Sore Eyes of New-Born Babies.)

Ophthalmia neonatorum is a disease always due to an infection caused by the entrance of certain germs into the eyes of the baby at birth or shortly after. This can almost surely be prevented by the exercise of proper care at the time of the birth of the child and during the first few days of its life. If proper precautions are not taken, and the disease develops and runs its course unchecked, the sight is totally destroyed, often within a fortnight. It is a recognized fact that one-fourth of all the children in the schools for the blind in this country are there because their eyes were not properly treated by the physician or midwife.

The prevention should if necessary begin with the mother before the birth of the child and at birth some approved method of prophylaxis should always be employed. When any inflammation of the eyes appears, it should never be treated by the midwife or nurse, but a physician should be immediately called.

Under the leadership of Dr. F. Park Lewis of Buffalo, much good has been done in directing the attention of the public to this disease and in securing the coöperation of physicians and midwives in its prevention. In this work we also desire to aid and have a special leaflet on the subject, which will be furnished on application.

Connecticut was among the first of the states to enact a law for the reporting of ophthalmia neonatorum, such a law having been passed in 1895. As some may have forgotten its existence it is here printed in full:

Gen. Statutes, § 2535.—Should one or both eyes of an infant become inflamed or swollen, or reddened at any time within two weeks after its birth, the midwife, nurse, or attendant having charge of such infant shall report in writing, within six hours, to the health officer or board of health of the city, town, or borough in which the parents of the infant reside, the fact that such inflammation, swelling, or redness of the eyes exists. Every person violating the provisions of this section shall be fined not more than two hundred dollars.

It is the evident intent of this act that the health officer, on receiving such a report, shall see that the child has proper medical treatment. This should be furnished by the town, if necessary for reasons of economy if for no other, as the education and support of the blind usually devolves upon the state and each such case costs the public thousands of dollars.

We request that hereafter health officers in making their monthly report of infectious disease to this office include the cases of ophthalmia neonatorum reported to them.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.;

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, October 15, 1912.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level ; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	63	53	58	.74	Cloudy	0	30.07	30.39; date 28
2	62	54	58	.37	Cloudy	0	29.81	date 8
3	71	57	64	.12	Cloudy	7		
4	82	64	73	.01	Partly Cloudy	38		
5	81	62	72	T.	Cloudy	17		
6	82	70	76	.02	Cloudy	30		
7	81	66	74	T.	Cloudy	26		
8	83	62	72	.00	Clear	86		
9	84	64	74	.00	Partly Cloudy	77		
10	85	56	70	.00	Clear	96		
11	87	61	74	.48	Cloudy	28		
12	69	51	60	.00	Clear	76		
13	75	50	62	.00	Partly Cloudy	56		
14	72	58	65	T.	Cloudy	0		
15	81	68	74	.01	Cloudy	23		
16	73	54	64	.01	Partly Cloudy	37		
17	73	45	59	.00	Partly Cloudy	62		
18	75	60	68	.07	Cloudy	24		
19	78	67	72	.01	Cloudy	16		
20	74	54	64	.08	Partly Cloudy	57		
21	58	51	54	.01	Cloudy	2		
22	66	46	56	.00	Partly Cloudy	44		
23	64	54	59	.00	Cloudy	0		
24	65	53	59	.02	Cloudy	0		
25	68	52	60	T.	Partly Cloudy	38		
26	73	44	58	.00	Clear	68		
27	60	51	56	.02	Cloudy	0		
28	65	42	54	.00	Clear	63		
29	52	37	44	.17	Cloudy	0		
30	58	37	48	.00	Clear	100		
31								
Mean	72	55	63	2.14		36		

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 79 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1912, and a Statement of the Births and Marriages for the Month of September, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in September.	Still Births in September.	Marriages in September.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 15 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia,.....	15,646	47	...	91	14.5	5	6	57.8	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	2	.....	1	2	3	1	.....	9	
Brantford,.....	6,115	8	1	7	11.6	22	1	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	1	6	14	2	7	11	47	
Bridgeport,.....	108,265	300	9	106	11.8	22	9	26.7	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	11	1	6	14	2	7	11	47	
Bristol,.....	14,273	31	2	8	9	7.5	3	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury,.....	24,307	52	11	40	18.2	8	1	22.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Derby,.....	9,203	26	6	17	19.5	8	3	64.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford,.....	8,484	11	10	7	9.9	1	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Enfield,.....	10,323	25	1	25	4.6	2	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield,.....	6,463	7	2	11	4	7.4	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich,.....	17,321	21	24	25	17.3	5	3	32.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton,.....	6,601	7	1	3	9	16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hamden,.....	6,004	8	1	4	9	17.7	3	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford,.....	102,728	255	11	127	14.6	14.1	24	24.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Huntington,.....	6,739	13	8	11	8.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingly,.....	6,510	5	12	11	20.2	3	.....	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester,.....	14,249	23	1	15	10	8.4	3	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Meriden,.....	32,749	62	3	28	35	11.7	4	2	17.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown,.....	21,401	36	18	32	16.0	3	1	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck,.....	13,158	22	9	14	12.7	4	1	35.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain,.....	47,058	134	5	30	51	12.7	18	2	39.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Haven,.....	138,720	321	12	153	15.9	12.8	23	5	17.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London,.....	20,081	34	1	32	34	19.1	7	2	26.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford,.....	5,051	11	2	3	7.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk,.....	25,066	49	22	27	12.9	6	1	25.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich,.....	28,935	58	2	36	50	19.4	9	2	22.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Orange,.....	12,127	13	13	7	6.9	.....	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield,.....	7,098	16	6	15	25.3	.....	.....	2	13.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth,.....	5,459	11	1	2	5	10.9	3	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Putnam,.....	7,207	13	1	28	8	9.9	1	4	62.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Seymour,.....	5,035	19	1	7	2	4.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington,.....	6,641	12	1	4	10	18.0	1	1	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford,.....	5,420	6	1	5	11.0	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford,.....	30,835	68	5	49	55	18.6	9	1	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stonington,.....	9,276	17	16	9	11.6	3	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stratford,.....	6,123	16	4	6	11.7	1	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington,.....	17,717	37	14	11	7.4	3	.....	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon,.....	9,207	10	2	6	7	9.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallingford,.....	11,585	37	1	5	11.3	5	.....	54.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury,.....	77,541	181	65	101	14.7	34	12	45.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
West Hartford,.....	5,132	1	1	4	9.3	.....	.....	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester,.....	8,862	22	7	5	6.7	1	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham,.....	13,097	23	1	18	16.4	5	.....	27.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 42 above towns,.....	933,953	2068	75	957	11.29	14.5	141	78	19.3	.....	1	6	3	2	15	6	1	14	2	69	11	87	100	24	125	124	77	402
120 towns of less than 5,000 inhabitants,.....	213,472	345	15	172	25.5	14.3	25	8	12.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns,.....	1,147,425	2413	90	1129	13.84	14.4	166	86	21.2	.....	1	6	6	2	19	7	1	15	2	84	17	106	115	27	155	159	96	566
Population of towns not reporting,.....	8,620	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 31; in Danbury, 11; in Derby, 4; in Greenwich, 4; in Hartford, 57; in Huntington, 6; in Meriden, 5; in Middletown, 15; in New Britain, 8; in New Haven, 62; in New London, 9; in Norwich, 1; in Putnam, 2; in Stamford, 14; in Waterbury, 17; in Winchester, 1; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in October: Andover, Ashford, Avon, Beacon Falls, Bolton, Bridgewater, Colebrook, Cornwall, Eastford, Easton, Goshen, Hampton, Hartland, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Marlborough, Middlebury, Middlefield, Morris, New Fairfield, Norfolk, Redding, Salem, Sherman, Southbury, Sprague, Tolland, Union, Voluntown, Westbrook, Willington, Wolcott, Woodbridge, Woodstock.—Total, 37. The Registrars of the following towns have made no report for October: Canaan, Chaplin, Haddam, Roxbury, Trumbull, Waterford.—Total, 6.

# REMARKS.

By mortality reports received there were 1,384 deaths during the month of October. This was 8 less than in September and 38 more than in October of last year, and 82 more than the average number of deaths during October for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,606
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,426	1,675	1,509	1,501	1,330	1,420
May,	1,406	1,435	1,417	1,330	1,204	1,329
June,	1,210	1,172	1,266	1,216	1,146	1,225
Total second quarter,	4,041	4,285	4,192	4,047	3,680	3,974
July,	1,457	1,632	1,735	1,412	1,496	1,518
August,	1,436	1,443	1,426	1,492	1,410	1,761
September,	1,362	1,283	1,387	1,292	1,240	1,408
Total third quarter,	4,285	4,358	4,548	4,196	4,146	4,687
October,	1,384	1,346	1,380	1,236	1,215	1,334

The death rate was 14.5 for the large towns, for the small towns 14.3, and for the whole State 14.4.

The deaths reported from infectious diseases were 156, being 11.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Berlin, 13; Branford, 2; East Granby, 2; East Hartford, 2; Enfield, 2; Hartford, 16; Middletown (city), 1; New Britain, 1; New Canaan, 1; Norwich (city), 20; Portland, 1; Simsbury, 19; Stamford (city), 15; Thomaston, 16; Waterbury, 2; Wethersfield, 5.—Total, 118 in 16 towns.

**Scarlet Fever.**—Ansonia, 5; Branford, 4; Bridgeport, 19; Bristol, 1; Enfield, 1; Fairfield, 2; Hartford, 31; Jewett City (borough), 1; Manchester, 4; Meriden, 1; Middletown, 2; Montville, 1; New Britain, 1; New Haven, 5; Newington, 1; Plainfield, 6; Plymouth, 4; Saybrook, 1; Shelton (borough), 1; Southington, 1; Stamford (city), 4; Suffield, 3; Washington, 1; Waterbury, 5; Watertown, 2; Weston, 1; Wilton, 2; Winchester, 1; Windsor, 2.—Total, 113 in 29 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 1; Derby, 2.—Total, 3 in 2 towns.

**Infantile Paralysis.**—Hartford, 2; Stamford (city), 2.—Total, 4 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 7; Avon, 1; Bridgeport, 10; Canton, 2; Cromwell, 1; Danbury (city), 2; Darien, 2; East Granby, 5; East Haddam, 1; East Lyme, 4; East Windsor, 3; Enfield, 4; Granby, 1; Greenwich, 1; Hartford, 40; Hebron, 1; Jewett City (borough), 2; Manchester, 7; Mansfield, 8; Meriden (city), 8; Middletown (city), 7; Middletown (town), 2; Naugatuck, 2; New Britain, 4; New Haven, 19; New London, 1; North Haven, 2; Norwalk (city), 9; Norwich (city), 4; Orange, 2; Putnam, 7; Rockville (city), 1; Somers, 2; Stamford (city), 1; Stafford, 1; Suffield, 2; Torrington, 1; Waterbury, 17; Waterford, 1; Willimantic (city), 21+.—Total, 216 in 49 towns.

**Whooping Cough.**—East Lyme, 3+; Groton (borough), 4; Hartford, 1; Plymouth, 7; Pomfret, 1; Salisbury, "epidemic"; Woodstock, 6.—Total, 22 in 7 towns.

**Typhoid Fever.**—Ansonia, 1; Berlin, 1; Bridgeport, 11; Bristol, 3; Columbia, 1; Danbury (city), 6; Darien, 1; Derby, 1; East Hartford, 3; Enfield, 3; Greenwich, 1; Groton (borough), 1; Hamden, 3; Hartford, 22; Ledyard, 1; Manchester, 1; Meriden (city), 5; Middletown (city), 1; Milford, 1; Morris, 1; Naugatuck, 2; New Haven, 16; New London, 1; North Canaan, 1; Old Saybrook, 1; Plainfield, 2; Plymouth, 1; Pomfret, 1; Putnam, 2; Seymour, 6; Sherman, 1; Somers, 1; Stamford (city), 6; Stamford (town), 2; Stonington, 1; Torrington, 1; Waterbury, 11.—Total, 124 in 37 towns.

**Consumption.**—Andover, 1; Ansonia, 2; Branford, 1; Bridgeport, 19; Bristol, 2; Brookfield, 2; Cromwell, 1; Derby, 1; Ellington, 1; Enfield, 1; Fairfield, 1; Greenwich, 1; Hartford, 25; Lebanon, 1; Manchester, 2; Middletown (city), 2; New Britain, 2; New Haven, 51; New London, 4; Norwalk, 1; Norwich (city), 2; Norwich (town), 2; Oxford, 1; Plymouth, 1; Pomfret, 1; Putnam, 1; Rockville (city), 1; Simsbury, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 2; Thompson, 1; Tolland, 2; Washington, 1; Waterbury, 10; Willimantic (city), 1.—Total 140, in 136 towns.

In addition to the above the Health Officers of 94 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Litchfield, Middlesex, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD COUNTY—South Windsor.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—East Granby, 1; East Haddam, 1; East Lyme, 1; Somers, 1.—Total, 4.

**Whooping Cough.**—Pomfret, 1.

**Typhoid Fever.**—Berlin, 1.

**Consumption.**—Brookfield, 1; Canton, 1; Chester, 1; Cromwell, 1; Darien, 1; Durham, 1; Newington, 7; Oxford, 1; Salisbury, 1; Westport, 1; Wethersfield, 1; Woodbury, 2.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	57	590	0	647
"    "    release .....	24	137	0	161
Typhoid Fever .....	30	84	0	114
Tuberculosis .....	16	92	0	108
Malaria .....	0	9	0	9
Rabies .....	0	1	0	1
Glanders .....	20	30	4	54
Gonorrhœa .....	0	1	0	1
Total specimens examined .....				1095
Samples of milk analyzed .....				368
"    "    water examined .....				51
Sewage and effluents examined .....				6
Samples of oil examined .....				4

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## THE FLY IN POLIOMYELITIS.

Prof. M. J. Rosenau, of Harvard University, announced at the Congress on Hygiene and Demography held at Washington in September, that he had apparently succeeded in transmitting poliomyelitis (infantile paralysis) from sick to well monkeys by the bite of the common biting fly, *Stomoxys calcitrans*. He allowed a number of these flies to bite monkeys sick with poliomyelitis in various stages of the disease, and then later allowed these same flies to bite twelve well monkeys. Of the twelve well monkeys thus bitten six became sick with well marked symptoms of poliomyelitis, and of these three died.

The *Stomoxys calcitrans* resembles in size and appearance the common house fly. It is most frequently found in and about stables. It is, however, by no means uncommon in houses. It bites animals as well as man, and sucks their blood, upon which it feeds.

Dr. Rosenau concludes from his experiments that, after the virus of poliomyelitis is taken into the body of the fly by biting an infected animal or person, some time must elapse before the fly is capable of transmitting the disease, and that the period which must thus elapse is probably less than twenty-one days.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

*Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.*

HARTFORD, November 15, 1912.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.
	Max.	Min.	Mean.			
1	60	42	51	T.	Cloudy	11
2	57	37	47	.00	Clear	100
3	70	45	58	.00	Clear	76
4	77	58	68	T.	Partly Cloudy	55
5	78	51	64	.00	Clear	88
6	81	45	63	.00	Clear	90
7	80	47	64	T.	Clear	78
8	61	43	52	.00	Clear	89
9	62	38	50	T.	Cloudy	17
10	72	56	64	.02	Partly Cloudy	63
11	56	52	54	.05	Cloudy	0
12	72	55	64	.01	Cloudy	6
13	66	52	59	.00	Partly Cloudy	78
14	59	48	54	.00	Cloudy	15
15	64	42	53	.00	Partly Cloudy	89
16	56	36	46	.00	Clear	87
17	70	37	54	.00	Partly Cloudy	68
18	73	47	60	.00	Clear	71
19	68	53	60	.05	Cloudy	0
20	62	44	53	.00	Clear	100
21	65	35	50	.00	Clear	89
22	68	42	55	.00	Cloudy	26
23	70	57	64	.95	Cloudy	0
24	68	52	60	.11	Cloudy	48
25	55	50	52	.06	Cloudy	0
26	60	50	55	.01	Partly Cloudy	30
27	61	40	50	.00	Clear	100
28	60	44	52	.00	Partly Cloudy	37
29	57	36	46	.00	Partly Cloudy	53
30	71	48	60	.00	Partly Cloudy	30
31	57	41	49	.00	Clear	86
Mean	66	46	56	1.26		54

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 30.05; highest..... 30.44; date 21  
Lowest..... 29.59; ..... date 24

### TEMPERATURE.

Highest..... 81°; date 6; lowest..... 35°; date 21  
Greatest daily range ..... 36°; ..... date 6  
Least daily range ..... 4°; ..... date 11  
Mean highest ..... 65.7°; lowest..... 45.9°

### MEAN FOR THIS MONTH IN

1904-49° 1905-53° 1906-53° 1907-49° 1908-55° 1909-51° 1910-55° 1911-52°  
1912-56°

Mean for this month..... 55.8°  
Normal for this month ..... 51.2°  
Absolute maximum for this month for 9 years..... 90°  
Absolute minimum for this month for 9 years..... 25°  
Average daily excess of this month as compared with the normal..... 4.6°  
Accumulated excess (+) since January 1 ..... 29.4°  
Average daily excess (+) since January 1 ..... 0.1°

### PRECIPITATION.

Total this month ..... 1.26  
Greatest precipitation in 24 hours 0.96, date..... 23, 24  
Normal for this month ..... 3.86  
Deficiency (-) of this month as compared with the normal.... 2.60  
Accumulated deficiency (-) since January 1 ..... 6.71

### TOTAL PRECIPITATION THIS MONTH IN

1904-2.23 1905-2.23 1906-5.54 1907-4.53 1908-1.67 1909-1.40  
1910-0.77 1911-7.30 1912-1.26

### WIND.

Prevailing direction..... N.W.  
Total movement ..... 5,088 miles  
Average hourly velocity ..... 6.8  
Maximum velocity (in five minutes) 26 miles per hour,  
from N. W. on 15.

### WEATHER.

Number of days, clear..... 12  
Partly cloudy..... 9  
Cloudy..... 10  
On which .01 inch, or more, occurred..... 8

### MISCELLANEOUS PHENOMENA (dates of).

Halos, solar ..... None  
Halos, lunar ..... None  
Thunderstorms ..... None  
Dense fog..... 12, 30  
Frost..... Heavy, 2, 16, 17; killing, 21.

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of November, 1912, and a Statement of the Births and Marriages for the Month of October, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in October.	Still Births in October.	Marriages in October.	Total Deaths.	Representative Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Pauperial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,646	52	4	16	9	9.2	3	1	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	1	4
Branford.....	11,115	15	7	115	3	5.8	1	33.3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	4
Bridgeport.....	108,125	295	8	140	115	11.6	21	8	24.3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	11	11	.....	.....	12	6	50
Bristol.....	44,123	49	4	34	28	8.3	2	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
Danbury.....	24,367	41	2	21	18	12.8	3	1	17.5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	11
Derby.....	8,423	12	1	4	4	5.6	1	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
East Hartford.....	10,354	20	24	9	10.4	4	.....	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2
Enfield.....	6,363	30	11	4	7.4	3	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Fairfield.....	17,321	26	6	31	24	15.8	3	1	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Greenwich.....	6,601	3	2	8	6	10.9	2	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Groton.....	6,004	14	.....	.....	5	9.8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Hamden.....	102,728	140	11	177	137	13.3	15	10	18.2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
Hartford.....	6,739	16	.....	6	21	19.5	2	.....	9.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Huntington.....	6,510	11	2	8	5	9.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Killingly.....	14,249	31	.....	15	12	10.1	2	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Manchester.....	32,740	40	1	43	39	10.6	5	3	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Meriden.....	21,401	45	6	17	40	11.0	2	4	15.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Middletown.....	13,158	27	1	9	8	7.5	1	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Naugauck.....	47,058	160	4	68	10	10.2	10	1	26.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
New Britain.....	138,720	314	8	172	137	13.7	18	10	16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
New Haven.....	20,081	48	1	43	22	13.1	1	2	13.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
New London.....	5,051	8	.....	3	5	11.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
New Milford.....	25,066	39	1	27	26	11.9	2	3	19.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	28,935	66	1	33	39	11.6	6	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Orange.....	12,127	15	.....	7	5	4.9	1	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	7,008	18	.....	5	3	5.0	1	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,459	11	1	3	3	6.6	1	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,207	11	.....	29	12	19.7	3	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour.....	5,035	11	.....	5	4	9.5	3	.....	75.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington.....	6,641	10	3	8	8	14.4	2	1	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,420	3	.....	4	6	13.3	1	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	30,835	66	3	64	28	10.5	1	5	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	9,276	13	.....	4	6	11.7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	6,123	7	.....	4	6	11.7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,717	32	.....	20	8	5.4	5	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,207	12	1	14	13	16.9	2	1	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,585	27	.....	13	13	13.4	1	.....	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	77,541	177	8	64	79	11.3	16	9	31.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
West Hartford.....	5,132	2	1	1	7	16.0	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	8,862	13	.....	2	14	15.0	2	1	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	13,097	28	2	11	17	13.7	2	2	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns,.....	933,953	2059	82	1189	1016	13.0	154	68	21.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
125 towns of less than 5,000 inhabitants,.....	220,555	348	10	173	235	12.8	26	5	13.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 167 towns,.....	1,154,508	2497	92	1362	1251	13.0	180	73	20.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of town not reporting,.....	1,537	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 28; in Danbury, 6; in Derby, 3; in Greenwich, 8; in Hartford, 63; in Huntingdon, 11; in Meriden, 9; in Middletown, 19; in New Britain, 3; in New Haven, 53; in New London, 6; in Norwalk, 2; in Norwich, 3; in Stamford, 2; in Waterbury, 18; in Winchester, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Barkhamsted, Beacon Falls, Bethany, Brookfield, Canterbury, Coventry, Durham, Eastford, Ellington, Goshen, Hampton, Harland, Lisbon, Lyme, Mansfield, Marlborough, Middlebury, Monroe, Norfolk, North Branford, Oxford, Putnam, Rocky Hill, Roxbury, Salem, Sherman, Sprague, Tolland, Union, Westbrook, Willington.—Total, 32.

The Registrar of the following town has made no report for November: Madison.

# REMARKS.

By mortality reports received there were 1,251 deaths during the month of November. This was 144 less than in October and 65 more than in November of last year, and 30 more than the average number of deaths during November for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,606
February,	1,552	1,556	1,421	1,313	1,575	1,519
March,	1,668	1,691	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,007	4,551	4,251	4,528	4,787
April,	1,425	1,678	1,509	1,501	1,330	1,420
May,	1,406	1,435	1,417	1,330	1,204	1,329
June,	1,210	1,172	1,266	1,216	1,146	1,225
Total second quarter,	4,041	4,285	4,192	4,047	3,680	3,974
July,	1,457	1,632	1,735	1,412	1,496	1,518
August,	1,433	1,443	1,426	1,492	1,410	1,761
September,	1,391	1,283	1,387	1,292	1,240	1,408
Total third quarter,	4,281	4,358	4,548	4,196	4,146	4,687
October,	*1,395	1,346	1,580	1,236	1,215	1,334
November	1,251	1,186	1,252	1,265	1,144	1,241

The death rate was 13.0 for the large towns, for the small towns 12.8 and for the whole State 13.0.

The deaths reported from infectious diseases were 175, being 13.9 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Bozrah, 1; Branford, 3; East Granby, 5; East Hartford, 3; Enfield, 2; Glastonbury, 4; Granby, 4; Greenwich, 1; Guilford, 1; Hartford, 31; Killingly, 6; Middletown (city), 2; New Britain, 1; New Haven, 2; New London, 3; North Canaan, 1; Norwich (city), 18; Norwich (town), 2; Orange, 1; Putnam, 1; Seymour, 1; Simsbury, 23; Southington, 2; South Windsor, 6; Sprague, 1; Stamford (city), 20; Stamford (town), 1; Thompson, 1; Wallingford, 3; Waterbury, 4; West Hartford, 1; Wethersfield, 4.—Total, 159 in 32 towns.

**Scarlet Fever.**—Ansonia, 8; Bloomfield, 4; Branford, 4; Bridgeport, 7; Bristol, 2; Cromwell, 1; Danbury (city), 6; Danbury (town), 2; Derby, 2; Enfield, 3; Essex, 3; Greenwich, 2; Hamden, 1; Hartford, 75; Jewett City (borough), 1; Manchester, 2; Middletown (city), 1; Middletown (town), 2; Monroe, 1; Montville, 1; New Britain, 1; New Haven, 11; Newington, 6; New London, 6; Norwalk (city), 2; Norwalk (town), 1; Plainfield, 1; Saybrook, 1; Somers, 1; Stamford (city), 6; Torrington, 1; Washington, 5; Waterbury, 5; Watertown, 1; Weston, 1; Wilton, 2; Windsor, 1; Winsted, 2.—Total, 186 in 38 towns.

**Cerebro-Spinal Fever.**—Manchester, 1.

**Infantile Paralysis.**—Greenwich, 1.

**Diphtheria and Croup.**—Andover, 1; Ansonia, 4; Bethel, 1; Bridgeport, 13; Bristol, 2; Canton, 4; Danbury (city), 1; Darien, 2; Derby, 2; East Windsor, 3; Enfield, 4; Farmington, 1; Glastonbury, 1; Guilford, 1; Hartford, 34; Hebron, 3; Lebanon, 1; Lisbon, 1; Manchester, 3; Mansfield, 2; Meriden (city), 5; Middlefield, 1; Middletown (city), 20; Middletown (town), 7; Naugatuck, 7; New Britain, 8; New Hartford, 3; New Haven, 37; New London, 1; North Haven, 1; Norwalk (city), 2; Norwich (city), 2; Orange, 5; Plainfield, 2; Plainville, 1; Portland, 1; Putnam, 6; Rockville (city), 1; Shelton (borough), 1; Somers, 1; South Windsor, 1; Stafford, 1; Stamford (city), 4; Torrington, 3; Voluntown, 2; Wallingford, 13; Washington, 1; Waterbury, 29; Waterford, 6; West Hartford, 1; Willimantic (city), 25; Windham, 1; Windsor, 1.—Total, 284 in 53 towns.

**Whooping Cough.**—Bridgeport, 1; East Lyme, "many cases"; Hartford, 1; Middletown (city), 1; New London, 10; Plymouth, 10; Ridgefield, 5; Salisbury, "epidemic"; Stonington, 8; Thomaston, 18; Waterbury, 2.—Total, 56+ in 11 towns.

**Typhoid Fever.**—Ansonia, 1; Avon, 1; Barkhamsted, 1; Bridgeport, 3; Bristol, 1; Colchester (borough), 1; Danbury (city), 3; Darien, 1; Fairfield, 1; Glastonbury, 2; Hartford, 23; Harwinton, 1; Manchester, 3; Mansfield, 1; Meriden (city), 1; Naugatuck, 3; New Britain, 1; New Haven, 14; New London, 3; Orange, 1; Pomfret, 1; Portland, 1; Rockville (city), 1; Seymour, 4; Southington, 1; South Windsor, 1; Stamford (city), 1; Stratford, 1; Stonington, 1; Torrington, 2; Waterbury, 14; Watertown, 1; Wethersfield, 2; Willimantic (city), 1.—Total, 98 in 34 towns.

**Consumption.**—Ansonia, 1; Beacon Falls, 1; Branford, 2; Bridgeport, 23; Bristol, 2; Brookfield, 2; Hartford, 23; Litchfield, 2; Manchester, 3; Meriden (city), 4; Middletown, 1; New Britain, 8; New Haven, 21; New London, 3; North Haven, 1; Norwalk, 2; Norwich

(city), 1; Norwich (town), 2; Plainville, 1; Putnam, 2; Southington, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 1; Suffield, 1; Tolland, 1; Waterbury, 8; Woodbury, 1.—Total 120, in 28 towns.

In addition to the above the Health Officers of 79 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officer of the following town has not reported:

MIDDLESEX Co.—Haddam.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Thompson, 1.

**Diphtheria and Croup.**—Andover, 1; Hebron, 1; New Hartford, 1; Washington, 1.—Total, 4.

**Consumption.**—Chatham, 1; Colchester, 1; Cornwall, 1; Essex, 1; Hebron, 1; Litchfield, 1; Newington, 7; North Haven, 1; Old Saybrook, 1; Preston, 1; Watertown, 2; Weston, 1; Wethersfield, 1; Wilton, 1; Windsor, 1; Wolcott, 1; Woodbury, 1; Woodstock, 1.—Total, 25.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	
Diphtheria, diagnosis .....	66	190	1	257
release .....	80	150	3	242
School Cases .....	75	1197	1	1272
Typhoid Fever .....	29	40	0	69
Tuberculosis .....	18	82	0	100
Malaria .....	0	9	1	10
Glanders .....	13	84	2	99
Total specimens examined .....				2049
Samples of milk analyzed .....				305
" " water examined .....				38
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## COMMON COLDS.

Common colds, as the name implies, have long been considered due to a lowered atmospheric temperature. This belief is growing less and less every day. The present attitude of the modern physician is that most of them have very little to do with exposure to a low temperature, but are transferred from one person to another by an infection, there being a number of micro organisms that will cause them. The best place then to take cold is not out of doors, but in close, ill ventilated rooms, cars, theaters or churches. Feet wetting or chilling of the body does nothing else than lower the general health, making us more easy victims to them. The fact that colds are very much more prevalent in winter is chiefly because at that season of the year we live in houses with doors and windows closed, thus providing an ideal place for the multiplication and transmission of the influenza and other germs. Then too, at this season of the year we take less exercise out of doors, which results in lower bodily vigor and less resistance, therefore we are more susceptible. People who live out of doors summer and winter, and properly ventilate their houses, suffer little more from colds in winter than they do in summer. One seldom takes cold from normal exercise in the open air. Colds, on the other hand, are readily traced from one person to another through households, schools and factories and often occur after attending crowded assemblies.

What then is the remedy? We can not destroy all the countless germs or quarantine every one who has a cold. This is not necessary. If we keep ourselves in vigorous health, clean and warmly, but not too heavily clad, we can defy germs. We may of course take cold occasionally, but we will throw it off quickly. Learn to live and sleep as much as possible in the open air. Fifty years ago it was the popular belief that a person with consumption should not be exposed to cold air, now we know that cold fresh air is the only cure and foul air its cause. What will cure consumption will not harm a healthy man. Bathing and exercise increase bodily vigor by promoting the action of the skin and the elimination of waste material. Therefore to avoid taking cold we should keep the body in such excellent condition that it will resist the invasion of germs, and we should avoid infection as far as possible.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

\* Eleven delayed certificates for October have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.
	Max.	Min.	Mean.			
1	64	38	51	.77	Cloudy	0
2	48	33	40	.00	Partly Cloudy	71
3	39	28	34	.00	Partly Cloudy	73
4	51	26	38	.00	Clear	78
5	65	43	54	.00	Clear	79
6	65	48	56	.00	Partly Cloudy	64
7	68	56	62	1.52	Cloudy	0
8	65	43	54	.09	Partly Cloudy	83
9	52	41	46	.00	Partly Cloudy	48
10	48	36	42	.00	Partly Cloudy	91
11	64	37	50	.00	Clear	71
12	70	50	60	.00	Cloudy	57
13	59	43	51	.05	Cloudy	0
14	46	40	43	.84	Cloudy	0
15	48	37	42	.00	Partly Cloudy	44
16	39	32	36	.00	Partly Cloudy	53
17	44	27	36	.00	Cloudy	2
18	37	30	34	T.	Cloudy	2
19	46	25	36	.00	Clear	77
20	57	36	46	.00	Partly Cloudy	83
21	65	37	51	.00	Partly Cloudy	70
22	63	48	56	.00	Partly Cloudy	55
23	53	37	45	.00	Clear	79
24	48	40	44	.19	Cloudy	0
25	40	33	36	.01	Cloudy	0
26	42	34	38	.00	Cloudy	0
27	43	34	38	.00	Clear	76
28	34	27	30	.06	Cloudy	0
29	40	22	31	.00	Partly Cloudy	85
30	48	34	41	.00	Clear	95
31						
Mean	52	36	44	3.53		48

NOTE.—"T" indicates trace of precipitation.

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 30.00; highest..... 30.51; date 4  
Lowest ..... 29.42; ..... date 24

### TEMPERATURE.

Highest ..... 70°; date 12; lowest..... 22°; date 29  
Greatest daily range ..... 28°; ..... date 21  
Least daily range ..... 6°; ..... date 14  
Mean highest ..... 51.7°; lowest..... 36.5°

### MEAN FOR THIS MONTH IN

1904-37° 1905-40° 1906-41° 1907-42° 1908-41° 1909-45° 1910-39° 1911-40°  
1912-44°

Mean for this month..... 44.1°  
Normal for this month ..... 39.5°  
Absolute maximum for this month for 9 years..... 74°  
Absolute minimum for this month for 9 years ..... 14°  
Average daily excess of this month as compared with the normal..... 4.6°  
Accumulated excess (+) since January 1 ..... 167.4°  
Average daily excess (+) since January 1 ..... 0.5°

### PRECIPITATION.

Total this month ..... 3.53  
Greatest precipitation in 24 hours 1.61, date..... 7, 8  
Normal for this month ..... 3.82  
Deficiency (—) of this month as compared with the normal.... 0.29  
Accumulated deficiency (—) since January 1 ..... 7.00

### TOTAL PRECIPITATION THIS MONTH IN

1904-1.52 1905-1.77 1906-2.90 1907-4.74 1908-0.92 1909-2.01  
1910-4.36 1911-4.18 1912-3.53

### WIND.

Prevailing direction..... N.W.  
Total movement ..... 6,087 miles  
Average hourly velocity ..... 8.5  
Maximum velocity (in five minutes) 35 miles per hour,  
from East on 24th.

### WEATHER.

Number of days, clear..... 7  
Partly cloudy..... 12  
Cloudy..... 11  
On which .01 inch, or more, occurred..... 8

### MISCELLANEOUS PHENOMENA (dates of).

Halos, solar ..... None  
Halos, lunar..... 22, 23  
Thunderstorms..... 24  
Dense fog..... None  
Total snowfall for the month..... 0.5 in.

W. W. NEIFERT, Local Forecaster,

WEATHER BUREAU.

Mean monthly relative humidity, 70 p. c.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1912



# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1912, and a Statement of the Births and Marriages for the Month of November, 1912.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in November.	Still Births in November.	Marriages in November.	Total Deaths.	Representing An- nual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Ner- vous System.	Heart Disease.	Accidents and Violence.	All Other Diseases.
Ansonia, .....	15,646	51	1	10	20	15.3	5	4	45.0	.....	.....	.....	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Branford, .....	6,115	6	.....	6	8	15.6	2	4	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgewater, .....	108,265	888	117	156	16.7	33	13	29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol, .....	14,273	24	1	10	13	10.9	4	3	53.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury, .....	24,307	21	3	26	28	13.3	5	1	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby, .....	9,203	26	1	10	10	13.0	1	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford, .....	8,484	14	.....	7	10	14.1	.....	1	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield, .....	10,323	21	2	29	13	15.1	8	.....	61.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield, .....	6,463	3	.....	5	7	12.9	.....	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich, .....	17,321	30	1	26	17	11.0	2	1	17.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton, .....	6,601	12	.....	5	7	12.7	1	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	6,094	12	.....	4	5	9.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	102,728	242	10	154	15.7	15.5	28	11	24.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington, .....	6,739	13	.....	5	12	10.6	1	.....	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly, .....	6,110	9	.....	1	20	11	20.2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, .....	14,240	20	2	17	12	10.1	2	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middleton, .....	32,740	74	4	41	47	13.9	8	1	19.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, .....	21,401	35	1	22	35	10.6	6	.....	17.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck, .....	13,458	30	1	15	10	9.1	2	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	47,958	118	6	57	54	13.2	10	6	29.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	138,720	288	11	107	19.8	16.1	39	17	28.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London, .....	20,681	32	1	27	35	19.1	2	1	8.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford, .....	5,051	8	.....	4	7	16.6	1	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northford, .....	25,066	39	.....	26	28	13.4	5	.....	17.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich, .....	28,935	39	1	36	42	17.4	6	2	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	12,427	18	.....	2	11	10.8	.....	.....	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, .....	7,998	4	.....	1	9	8	13.5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth, .....	5,459	14	1	5	6	13.1	2	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam, .....	7,267	12	1	25	16	21.4	4	1	31.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour, .....	5,035	12	.....	3	5	11.9	3	.....	60.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington, .....	6,641	15	.....	3	10	18.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	5,420	10	.....	4	5	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford, .....	30,835	62	4	63	43	16.3	11	1	27.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington, .....	9,276	17	.....	12	16	20.6	3	.....	18.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford, .....	6,123	16	.....	7	6	11.7	1	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington, .....	17,717	31	3	18	9	6.0	3	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon, .....	9,207	16	1	12	8	10.3	1	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford, .....	11,585	27	.....	13	11	11.3	1	1	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury, .....	77,541	166	15	76	90	12.9	18	10	31.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford, .....	5,132	3	.....	5	5	11.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester, .....	8,862	16	1	8	12	14.8	3	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham, .....	13,097	25	.....	25	26	21.0	3	2	19.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....									

The Mortality in Public Institutions of the State was: in Bridgeport, 38; in Danbury, 4; in Greenwich, 5; in Hartford, 74; in Huntington, 6; in Meriden, 14; in Middletown, 18; in New Britain, 10; in New Haven, 62; in New London, 6; in Norwich, 4; in Putnam, 5; in Stamford, 3; in Torrington, 3; in Waterbury, 21; in Winchester, 2; and in Windham, 6. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in December: Andover, Avon, Beacon Falls, Bethelham, Bolton, Bridgewater, Brooklyn, Burlington, Canaan, Canterbury, Chester, Coventry, Durham, Eastford, Easton, Franklin, Hartland, Kent, Killingworth, Marlborough, Middlebury, Middletown, New Fairfield, North Branford, Old Saybrook, Oxford, Pomfret, Roxbury, Saybrook, Sherman, Warren, Westbrook, Weston, Willington, Williston.—Total, 35. The Registrar of the following town has made no report for December: Madison.

# REMARKS.

By mortality reports received there were 1,482 deaths during the month of December. This was 229 more than in November and 134 more than in December of last year, and 60 more than the average number of deaths during December for the five years preceding.

	1912	1911	1910	1909	1908	1907
January,	1,601	1,760	1,498	1,366	1,557	1,606
February,	1,552	1,556	1,421	1,313	1,515	1,519
March,	1,668	1,692	1,632	1,572	1,456	1,572
Total first quarter,	4,821	5,008	4,551	4,251	4,528	4,787
April,	1,425	1,679	1,590	1,501	1,330	1,420
May,	1,406	1,435	1,417	1,330	1,204	1,329
June,	1,210	1,175	1,266	1,216	1,146	1,225
Total second quarter,	4,041	4,293	4,192	4,047	3,680	3,974
July,	1,457	1,635	1,735	1,412	1,496	1,518
August,	1,433	1,449	1,426	1,492	1,410	1,761
September,	1,391	1,284	1,387	1,292	1,240	1,408
Total third quarter,	4,281	4,368	4,548	4,196	4,146	4,687
October,	*1,306	1,345	1,380	1,236	1,215	1,334
November	*1,253	1,106	1,252	1,265	1,144	1,241
December	1,482	1,348	1,575	1,465	1,280	1,442
Total fourth quarter,	4,131	3,889	4,207	3,966	3,639	4,017
Total for year,	17,274	17,554	17,498	16,460	15,993	17,465

The death rate was 15.7 for the large towns, for the small towns 13.7, and for the whole State 15.4.

The deaths reported from infectious diseases were 210, being 14.1 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Putnam, 3.  
**Measles.**—Barkhamsted, 3; Bethany, 1; Bozrah, 19+; Bristol, 1; Danbury (city), 1; East Granby, 2; East Hartford, 4; Ellington, 1; Farmington, 1; Glastonbury, 8; Granby, 40; Greenwich, 1; Groton, 2; Hartford, 35; Hartland, 1; Hartwinton, 1; Marlborough, 1; Middletown (city), 2; Monroe, 1; Montville, 2; New Britain, 4; New Haven, 3; New London, 49; Norwalk (city), 12; Seymour, 2; Simsbury, 16; Somers, 6; Southbury, 1; South Windsor, 18; Stamford (city), 25; Stamford (town), 1; Stonington, 5; Thompson, 10; Torrington, 3; Wallingford, 8; Waterbury, 16; Watertown, 1; West Hartford, "epidemic"; Wethersfield, 55.—Total, 362+ in 40 towns.

**Scarlet Fever.**—Ansonia, 7; Bridgeport, 25; Bristol, 3; Brooklyn, 2; Canaan, 1; Danbury (city), 12; Danbury (town), 2; East Hartford, 1; East Windsor, 2; Ellington, 1; Enfield, 2; Essex, 1; Fairfield, 1; Glastonbury, 2; Greenwich, 5; Hamden, 2; Hampton, 2; Hartford, 85; Huntington, 3; Mansfield, 7; Milford, 1; New Haven, 20; Newington, 1; New London, 2; North Branford, 2; Norwalk (city), 2; Norwalk (city), 1; Orange, 2; Plainfield, 5; Plymouth, 2; Seymour, 2; Southington, 1; South Norwalk (city), 2; South Windsor, 2; Stamford (city), 5; Sterling, 1; Stratford, 1; Thompson, 4; Torrington, 1; Washington, 6; Waterbury, 19; Watertown, 1; West Hartford, 3; Westport, 4; Wilton, 2; Windsor, 2; Wolcott, 2.—Total, 262 in 47 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 1; Meriden (city), 1; Wallingford, 2; Wilton, 1.—Total, 5 in 4 towns.

**Infantile Paralysis.**—Norwich (city), 1.

**Diphtheria and Croup.**—Ansonia, 4; Bethel, 2; Bridgeport, 31; Bristol, 3; Canton, 5; Cromwell, 3; Danbury (city), 4; Danbury (town), 1; Derby, 1; East Granby, 1; Ellington, 2; Enfield, 4; Griswold, 1; Hartford, 40; Killingworth, 1; Manchester, 1; Meriden (city), 1; Middletown (city), 3; Middletown (town), 8; Naugatuck, 11; New Britain, 6; New Haven, 56; New Milford, 1; Norwalk (city), 3; Norwalk (town), 1; Orange, 3; Plymouth, 3; Portland, 10; Putnam, 9; Rockville (city), 2; Somers, 5; Sprague, 1; Stamford (city), 4; Stamford (town), 1; Stonington, 1; Thompson, 2; Torrington, 4; Wallingford, 4; Washington, 1; Waterbury, 21; Watertown, 3; Wethersfield, 1; Willimantic (city), 23; Wilton, 1.—Total, 293 in 44 towns.

**Whooping Cough.**—Bridgeport, 1; Bridgewater, 3; Burlington, 4; Chatham, 10+; Cheshire, 1; Greenwich, 2; Groton (borough), 5; Hartford, 4; Huntington, 2; Jewett City (borough), 2; Madison, 2; New Britain, 9; New London, 9; Putnam, 1; Ridgefield, 10; Salisbury, "epidemic"; Stamford (city), 3; Stonington, 3; Thomaston, 4; Waterbury, 6; Weston, 11.—Total, 126+ in 21 towns.

**Typhoid Fever.**—Ansonia, 1; Bloomfield, 1; Bridgeport, 2; Chaplin, 1; Danbury (city), 4; Hartford, 20; Meriden (city), 4; Meriden (town), 1; Middlefield, 1; Milford, 1; Montville, 1; New Haven, 9; New London, 2; Norwalk (city), 1; Orange, 2; Seymour, 2; Shelton (borough), 1; Southbury, 1; Stamford (city), 1; Waterbury, 1; Willimantic (city), 2; Wilton, 1; Winsted (borough), 2.—Total, 60 in 23 towns.

**Consumption.**—Ansonia, 2; Bloomfield, 1; Branford, 1; Bridgeport, 15; Bristol, 1; Brookfield, 2; Canaan, 2; Clinton, 1; Cromwell, 1; Danielson (borough), 1; Derby, 1; Enfield, 2; Greenwich, 2; Guilford, 1; Hartford, 18; Litchfield, 2; Manchester, 2; Meriden (city), 2; Middle-

town (city), 1; Middletown (town), 2; Milford, 1; New Britain, 6; New Canaan, 1; New Haven, 31; New London, 6; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 2; Old Lyme, 1; Plymouth, 3; Sharon, 1; South Norwalk (city), 1; Sprague, 1; Stafford Springs, 1; Stamford (city), 5; Stratford, 1; Thomaston, 1; Torrington, 2; Wallingford, 1; Waterbury, 11; Winsted (borough), 1; Woodstock, 1.—Total, 140 in 42 towns.

In addition to the above the Health Officers of 69 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Litchfield and Tolland Counties have reported, but the Health Officer of the following town has not reported:

MIDDLESEX Co.—Haddam.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Bethany, 1; Simsbury, 1; Windsor Locks, 1.—Total, 3.

**Scarlet Fever.**—Mansfield, 1; South Windsor, 1.—Total, 2.

**La Grippe.**—East Haven, 1; Hebron, 1; Thompson, 1.—Total, 3.

**Cerebro-Spinal Fever.**—South Windsor, 1.

**Diphtheria and Croup.**—Canton, 1; Ellington, 1.—Total, 2.

**Typhoid Fever.**—Cromwell, 1.

**Consumption.**—Clinton, 2; Darien, 1; Haddam, 1; Lebanon, 1; Milford, 1; Newington, 8; Norfolk, 1; Sprague, 2; Tolland, 1; Windsor, 1.—Total, 19.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	52	153	2	207
release .....	27	90	0	117
School Cases .....	7	99	4	110
Typhoid Fever .....	29	13	1	43
Tuberculosis .....	25	75	0	100
Malaria .....	0	1	0	1
Glanders .....	13	16	1	30
Rabies .....	0	1	0	1
Pus for Streptococcus .....	..	..	..	2
Total specimens examined .....				611
Samples of milk analyzed .....				290
" water examined .....				42
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## VITAL STATISTICS FOR 1912.

With the possible exception of a few delayed certificates the death returns for the year 1912 have all been received, so that we can give some approximate information in advance of the annual compilation, regarding the mortality in the state during the past year.

The deaths numbered 17,274, which is 280 less than in the previous year and represents a death rate of 14.9 per thousand of population as compared with 15.5 in 1911 and 15.7 in 1910. This death rate of 14.9 per thousand is the lowest recorded since the organization of this Board and the enactment of adequate laws to secure a complete registration of deaths.

Regarding the deaths from special causes, there were 1,374 deaths from pulmonary tuberculosis, which is only twelve less than last year, but with the increase in population gives a death rate of 11.9 per 10,000 of population. In 1911 the death rate was 12.2 and 12.7 in 1910.

Pneumonia with 1,704 deaths, has the distinction of causing more deaths than any other single disease, still this number is eighteen less than last year. Under the head of pneumonia are included not only acute lobar pneumonia but also the deaths returned as simply pneumonia and broncho-pneumonia.

Typhoid fever with 128 deaths and diphtheria with 192 deaths, representing death rates of 1.12 and 1.67 per 10,000 population respectively, are the lowest death rates yet recorded for these diseases. Scarlet fever and whooping cough show a decrease in the death rate, while from measles there were more deaths than in the previous year.

There were 3,278 deaths of infants under one year of age. This is thirty-one more than during 1911. As the birth registration will exceed that of last year by some five or six hundred births, it will be seen that the infantile mortality has not increased. There were 114 deaths under one year of age to every one thousand registered births or one less than last year. Nearly one third of these infants died during the first week of life from congenital or parental causes which are very difficult to control.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
 Superintendent of the Registration of Vital Statistics.

HARTFORD, January 15, 1913.

\* One delayed certificate for October and two for November have been received since the publication of the last Bulletin.



# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1912.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	42	27	36	.00	Partly Cloudy	57	30.01	29.17
2	59	31	45	.43	Cloudy	9	30.64	
3	58	38	48	.00	Clear	100		
4	50	37	44	.00	Cloudy	41		
5	47	39	43	T.	Cloudy	5		
6	67	41	54	.61	Partly Cloudy	60		
7	45	31	38	.00	Cloudy	3		
8	46	29	38	T.	Cloudy	61		
9	31	13	22	.00	Clear	100		
10	47	28	38	.00	Clear	93		
11	44	38	41	T.	Cloudy	0		
12	38	19	28	T.	Clear	88		
13	28	16	22	.00	Partly Cloudy	77		
14	41	27	34	.00	Partly Cloudy	46		
15	49	26	38	.00	Partly Cloudy	62		
16	44	33	38	.00	Cloudy	20		
17	44	30	37	T.	Cloudy	56		
18	40	35	38	.12	Cloudy	0		
19	46	36	41	.63	Cloudy	0		
20	38	33	36	.00	Cloudy	42		
21	41	32	36	T.	Cloudy	22		
22	38	27	32	.00	Clear	70		
23	33	27	30	.00	Clear	91		
24	27	20	24	.42	Cloudy	0		
25	41	16	28	.00	Clear	88		
26	45	24	34	.00	Clear	75		
27	38	33	36	1.14	Cloudy	0		
28	34	29	32	T.	Partly Cloudy	54		
29	44	28	36	.00	Clear	78		
30	53	38	46	1.11	Cloudy	0		
31	48	37	42	.00	Partly Cloudy	77		
Mean	43	30	36	4.46		48		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.01; highest. 30.64; date 1
Lowest	29.17; date 27

TEMPERATURE.	
Highest	67°; date 6; lowest. 13°; date 9
Greatest daily range	28°; date 2
Least daily range	5°; date 18
Mean highest	43.4°; lowest. 29.6°

MEAN FOR THIS MONTH IN	
1904-23°	1905-34°
1906-27°	1907-34°
1908-32°	1909-28°
1910-25°	1911-36°
1912-36°	

Mean for this month	36.5°
Normal for this month	29.8°
Absolute maximum for this month for 9 years	67°
Absolute minimum for this month for 9 years	0°
Average daily excess of this month as compared with the normal	6.7°
Accumulated excess (+) since January 1	375.1°
Average daily excess (+) since January 1	1.0°

PRECIPITATION.	
Total this month	4.46
Greatest precipitation in 24 hours 1.14, date	27
Normal for this month	3.57
Excess (+) of this month as compared with the normal	0.89
Accumulated deficiency (-) since January 1	6.11

TOTAL PRECIPITATION THIS MONTH IN	
1904-3.09	1905-3.47
1906-3.83	1907-4.70
1908-3.36	1909-2.83
1910-1.93	1911-3.36
1912-4.46	

WIND.	
Prevailing direction	S.W.
Total movement	6,312 miles
Average hourly velocity	8.5
Maximum velocity (in five minutes) 41 miles per hour, from N.W. on 28th.	

WEATHER.	
Number of days, clear	9
Partly cloudy	7
Cloudy	15
On which .01 inch, or more, occurred	7

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	None
Halos, lunar	22
Thunderstorms	None
Dense fog	None
Total snowfall for the month	7.0 in.

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 69 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JANUARY, 1913

# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of January, 1913, and a Statement of the Births and Marriages for the Month of December, 1912*

Total Estimated population of the State is 1,156,045.

[illegible]

The Mortality in Public Institutions of the State was: in Danbury, 12; in Greenwich, 3; in Hartford, 65; in Huntington, 12; in Meriden, 16; in Middletown, 10; in New Britain, 8; in New Haven, 69; in New London, 9; in Norwalk, 1; in Norwich, 7; in Stamford, 10; in Waterbury, 36; in Winchester, 7; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in January: Ashford, Barkhamsted, Beacon Falls, Bethany, Bethlehem, Bozrah, Bridgewater, Brookfield, Canaan, Canterbury, Clinton, Eastford, Easton, Franklin, Hartland, Hebron, Lyme, New Fairfield, New Hartford, Prospect, Roxbury, Salem, Scotland, Tolland, Union, Washington, Willington, Wolcott, Woodbridge.—Total, 31.

The Registrars of the following towns have made no report for January: Chaplin, Cornwall, Essex, Norfolk, Sherman.—Total, 5.

# REMARKS.

By mortality reports received there were 1,589 deaths during the month of January. This was 106 more than in December and 12 less than in January of last year, and 33 more than the average number of deaths during January for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,589	1,601	1,760	1,498	1,366	1,557

The death rate was 17.0 for the large towns, for the small towns 14.7, and for the whole State 16.5.

The deaths reported from infectious diseases were 243, being 15.2 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Hartford, 1; Putnam, 2; Rockville (city), 1.—Total, 4 in 3 towns.

**Measles.**—Avon, 23; Barkhamsted, 2; Bloomfield, 10+; Bozrah, 7+; Bridgeport, 4; Bristol, 2; Burlington, 1; Canterbury, 2; Chester, 1; Colchester (borough), 5; East Granby, 3; East Haddam, 5; East Hartford, 19; East Lyme, 3; East Windsor, "epidemic"; Farmington, 9; Glastonbury, 40+ "epidemic"; Granby, 26; Greenwich, 3; Groton, 3; Guilford, 1; Hamden, 2; Hartford, 49; Hebron, 2; Killingworth, 1; Lebanon, 9; Ledyard, 1; Lisbon, 1; Litchfield, 3; Madison, 8; Marlborough, 47; Middletown (city), 12; Milford, 2; Montville, 4; Naugatuck, 3; New Britain, 4; New Hartford, 6; New Haven, 2; New London, 103; North Canaan, 2; Norwich (city), 15; Norwich (town), 2; Orange, 2; Preston, 8; Rocky Hill, 4; Simsbury, 7; Southbury, 6; South Windsor, 2; Stamford (city), 20; Stamford (town), 1; Stonington, 4; Thompson, 2; Torrington, 4; Wallingford, 21; Waterbury, 25; Waterford, 3; Watertown, 5; West Hartford, 17+ "epidemic"; Wethersfield, 15; Windsor Locks, 3.—Total, 591+ in 60 towns.

**Scarlet Fever.**—Ansonia, 20; Beacon Falls, 1; Bloomfield, 2; Bridgeport, 44; Bristol, 4; Burlington, 4; Colchester, 2; Coventry, 2; Danbury (city), 1; Danielson (borough), 3; Derby, 6; East Hartford, 3; East Haven, 1; East Windsor, 6; Enfield, 3; Franklin, 1; Glastonbury, 5; Hamden, 1; Hartford, 131; Manchester, 9; Mansfield, 5; Meriden (city), 1; Middletown (city), 3; Milford, 10; Naugatuck, 2; New Britain, 2; New Haven, 16; Newington, 6; New London, 2; North Canaan, 2; Norwalk (city), 2; Norwalk (town), 7; Norwich (city), 5; Orange, 1; Oxford, 1; Plainfield, 12; Plymouth, 2; Pomfret, 1; Putnam, 1; Redding, 2; Seymour, 5; Shelton (borough), 4; Simsbury, 1; South Norwalk (city), 2; Stamford (city), 9; Stratford, 2; Suffield, 1; Thompson, 1; Torrington, 1; Trumbull, 2; Wallingford, 1; Washington, 2; Waterbury, 33; West Hartford, 11; Weston, 1; Westport, 2; Wethersfield, 3; Willimantic (city), 2; Windsor, 1; Winsted (borough), 1.—Total 416 in 60 towns.

**Cerebro-Spinal Fever.**—Bridgeport, 1; Burlington, 1; New Canaan, 1; New Haven, 1; Wallingford, 1.—Total, 5 in 5 towns.

**Diphtheria and Croup.**—Ansonia, 4; Berlin, 3; Bethel, 1; Bloomfield, 1; Bridgeport, 21; Bristol, 1; Brooklyn, 2; Burlington, 1; Canton, 5; Cromwell, 2; Danbury (city), 5; Derby, 1; East Granby, 5; East Hartford, 1; East Haven, 2; East Windsor, 1; Ellington, 2; Enfield, 4; Glastonbury, 2; Greenwich, 1; Haddam, 4; Hamden, 2; Hartford, 37; Manchester, 7; Meriden (city), 4; Meriden (town), 1; Middletown (city), 5; Middletown (town), 2; Naugatuck, 11; New Britain, 9; New Hartford, 1; New Haven, 47; New London, 2; New Milford, 1; North Haven, 1; Norwalk (city), 7; Norwalk (town), 5; Norwich (city), 2; Orange, 3; Plainville, 4; Portland, 15; Putnam, 4; Rocky Hill, 1; Rockville (city), 7; Roxbury, 1; Sprague, 1; Stamford (city), 7; Suffield, 1; Thompson, 2; Torrington, 3; Vernon, 2; Wallingford, 2; Waterbury, 26; Waterford, 1; West Hartford, 1; Wethersfield, 1; Willimantic (city), 6; Wilton, 1; Windham, 1.—Total 393 in 59 towns.

**Whooping Cough.**—Branford, 3; Burlington, 1; Chatham, 10+; Cheshire, 2; Cornwall, 3; Derby, 1; East Haven, 5; Greenwich, 3; Hartford, 5; New Britain, 5; New London, 13; Plymouth, 3; Roxbury, 10+; Southbury, 1; Stonington, 1; Stratford, 3; Thomaston, 4; Waterbury, 2; Weston, 1.—Total, 76+ in 19 towns.

**Typhoid Fever.**—Bridgeport, 4; Cornwall, 1; Danbury (city), 1; East Hartford, 1; Greenwich, 1; Groton (town), 2; Groton (borough), 1; Haddam, 1; Hartford, 2; Manchester, 2; Middletown (city), 1; Montville, 1; New Britain, 1; New Haven, 4; New London, 2; Orange, 3; Plymouth, 1; Seymour, 1; Stamford (city), 1; Torrington, 2; Waterbury, 8; Westbrook, 1; Willimantic (city), 6.—Total, 48 in 23 towns.

**Consumption.**—Bethel, 1; Bridgeport, 23; Bristol, 2; Chatham, 1; Cromwell, 2; Derby, 2; East Hartford, 1; Greenwich, 1; Hamden, 1; Hartford, 23; Litchfield, 1; Manchester, 3; Mansfield, 1; Meriden (city), 3; Middletown (city), 1; Middletown (town), 4; Milford, 1; Naugatuck, 2; New Britain, 3; New Canaan, 1; New Haven, 87; New London, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 3; Plainville, 1; Plymouth, 1; Putnam, 2; Ridgefield, 1; Salisbury, 2; Simsbury, 2; South Norwalk (city), 2; South Windsor, 2; Stamford (city), 2; Stamford (town), 1; Stratford, 2; Thompson, 1; Torrington, 2; Wallingford, 1; Waterbury, 11; Watertown, 1; Winsted (borough), 1; Woodstock, 1.—Total, 207 in 43 towns.

In addition to the above the Health Officers of 61 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Hartford, New London, Fairfield, Windham, Middlesex, and Tolland Counties have reported, but the Health Officer of the following town has not reported:

LITCHFIELD Co.—Hartwinton.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Colchester, 1; Hartwinton, 1; Mansfield, 1; Oxford, 1.—Total, 4.

**LaGrippe.**—Bloomfield, 1; Brooklyn, 1; Cheshire, 1; Chester, 1; Mansfield, 2; Milford, 2; Portland, 1; Trumbull, 1; Wethersfield, 1; Windsor, 1.—Total, 12.

**Cerebro-Spinal Fever.**—Burlington, 1; Lisbon, 1; New Canaan, 1.—Total, 3.

**Diphtheria and Croup.**—Berlin, 1; East Granby, 1.—Total, 2.

**Whooping Cough.**—Watertown, 1.

**Consumption.**—Glastonbury, 1; Mansfield, 1; Newington (State Sanatorium), 9; Portland, 1; Somers, 1; South Windsor, 1; Thomaston, 1; Voluntown, 1; Westport, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of January:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	54	95	0	149
"    "    release .....	60	90	4	163
School Cases .....	20	156	1	177
Typhoid Fever .....	30	19	0	49
Tuberculosis .....	30	122	0	152
Malaria .....	0	0	1	1
Glanders .....	14	34	2	50
Miscellaneous .....	1	0	0	1

Total specimens examined .....	742
Samples of milk analyzed .....	377
"    "    water examined .....	31
Sewage and effluents examined .....	6
Samples of oil examined .....	6

## HYGIENE OF THE MOUTH.

Many different kinds of bacteria have been found in fairly clean mouths. When the mouth is dirty and where the tooth brush is not used, these bacteria multiply by millions. Among them may be found those producing tuberculosis, pneumonia, diphtheria and other diseases. How some people can harbor these seeds of disease and not have the diseases produced by them is not well understood. It is known that people carrying these organisms in their mouths are themselves a source of infection to others and are very likely sooner or later to have one of the diseases, the germs of which they carry in their mouths or throats.

Dr. Osler, the famous physician, says: "There is not anything more important to the public in the whole range as hygiene of the mouth. If I were asked to say whether more physical deterioration was produced by alcohol or defective teeth, I should unhesitatingly say defective teeth." A mouth containing bad teeth or diseased gums interferes very materially with the nutrition of the person who depends upon healthful nutrition for physical efficiency. Chewing food is not merely a process of cutting our food, so that we can swallow it without hurting ourselves, but it is a necessary part of digestion that the food be ground up fine and thoroughly mixed with the saliva. This can not be done with poor teeth. If we take care of our teeth they should last as long as we live and the reason they do not is because of our neglect.

If you wish to preserve your teeth and do not want germs to collect and grow in your mouth, then keep it clean. Have all old roots extracted and decayed teeth filled, and then use a tooth brush.

The teeth should be brushed morning and night with a tooth-brush and a little tooth powder. Brush them not only crosswise but up and down to get everything from between them. Do not neglect the back teeth or the inner sides of the teeth. Floss silk can be used between the teeth to keep these surfaces clean.

Once or twice a year you should have a dentist examine your teeth to see if there are any little spots where decay has started, for you may have broken a tooth without knowing it, and by the time a decayed spot is large enough to cause pain, it has advanced much farther than it should have been permitted to do.

The keynote in the care of the mouth and teeth is to begin in childhood, teaching each child its importance and seeing that it is done. It then becomes a habit and makes for better health in the individual and in the community.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics

HARTFORD, February 15, 1913.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JANUARY, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	47	35	41	T.	Clear	86	30.11; highest..... 30.73; date 14	28.67; ..... date 3
2	52	29	40	.00	Partly Cloudy	68	TEMPERATURE.	
3	60	31	46	.37	Cloudy	9	Highest..... 60°; date 3; lowest..... 12°; date 9	Greatest daily range ..... 36°; ..... date 12
4	39	31	35	T.	Partly Cloudy	58	Least daily range ..... 8°; ..... date 4	Mean highest ..... 45.7°; lowest.....28.4°
5	38	30	34	T.	Partly Cloudy	63	MEAN FOR THIS MONTH IN	
6	55	33	44	T.	Cloudy	11	1905-23° 1906-34° 1907-26° 1908-29° 1909-29° 1910-29° 1911-30° 1912-19°	1913-37°
7	54	35	44	.39	Cloudy	0	Mean for this month.....	37.0°
8	43	17	30	.64	Cloudy	0	Normal for this month.....	25.5°
9	26	12	19	.00	Clear	100	Absolute maximum for this month for 9 years.....	62°
10	41	21	31	.00	Partly Cloudy	61	Absolute minimum for this month for 9 years.....	-12°
11	49	36	42	.08	Cloudy	11	Average daily excess of this month as compared with the normal.....	11.5°
12	57	21	39	.17	Cloudy	0	Accumulated excess (+) since January 1.....	356.5°
13	34	15	20	.00	Partly Cloudy	80	Average daily excess (+) since January 1.....	11.5°
14	35	17	26	.00	Clear	86	PRECIPITATION.	
15	43	28	36	T.	Cloudy	32	Total this month.....	2.82
16	48	39	44	.13	Cloudy	0	Greatest precipitation in 24 hours 1.02, date.....	7-8
17	56	41	48	.16	Cloudy	7	Normal for this month.....	3.83
18	54	42	48	.04	Cloudy	0	Deficiency (-) of this month as compared with the normal....	1.01
19	42	31	36	.00	Partly Cloudy	72	Accumulated deficiency (-) since January 1.....	1.01
20	51	27	39	.04	Partly Cloudy	54	TOTAL PRECIPITATION THIS MONTH IN	
21	55	26	40	.10	Partly Cloudy	55	1905-4.64 1906-2.69 1907-2.94 1908-3.47 1909-2.80 1910-6.63	1911-2.77 1912-2.11 1913-2.82
22	40	21	30	.00	Clear	100	WIND.	
23	49	27	38	.30	Cloudy	0	Prevailing direction.....	South
24	48	37	42	.00	Cloudy	62	Total movement.....	6,540 miles
25	43	33	38	.00	Clear	82	Average hourly velocity.....	8.8
26	54	30	42	.00	Partly Cloudy	76	Maximum velocity (in five minutes) 58 miles per hour,	from S.W. on 3.
27	45	26	36	.04	Cloudy	0	WEATHER.	
28	34	23	28	.00	Clear	90	Number of days, clear.....	6
29	35	20	28	.08	Cloudy	44	Partly cloudy.....	11
30	44	28	36	.00	Partly Cloudy	60	Cloudy.....	14
31	57	39	48	.28	Partly Cloudy	56	On which .01 inch, or more, occurred.....	14
Mean	46	28	37	2.82		46	MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar.....	20
							Halos, lunar.....	17
							Thunderstorms.....	31
							Dense fog.....	3, 18
							Total snowfall for the month.....	0.8 in.

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 72 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF FEBRUARY, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of February, 1913, and a Statement of the Births and Marriages for the Month of January, 1913.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in January.	Still Births in January.	Marriages in January.	Total Deaths.	Representative Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,646	49	4	11	23	17.6	5	2	30.4	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	4	.....	4	5	2	5	
Brantford, .....	6,115	5	3	5	3	5.8	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport, .....	108,265	270	11	126	138	14.6	29	11	28.9	.....	.....	6	4	.....	2	.....	2	1	2	.....	4	12	4	20	3	11	10	6	55	5	
Bristol, .....	14,273	19	2	15	10	8.4	2	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury, .....	24,307	44	3	13	31	14.3	4	2	19.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Derby, .....	9,203	29	2	23	16	19.5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford, .....	8,484	22	3	5	9	12.7	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Enfield, .....	10,323	39	1	26	9	10.4	3	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield, .....	6,463	6	.....	3	6	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich, .....	17,321	28	1	22	21	13.1	3	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton, .....	6,001	8	1	2	4	7.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hamden, .....	6,094	15	1	5	8	15.7	3	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford, .....	102,728	246	10	127	179	16.8	30	13	14.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Huntington, .....	6,739	8	1	1	15	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingly, .....	6,510	12	1	7	10	18.4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester, .....	14,249	27	1	16	12	10.1	3	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Meriden, .....	32,740	72	4	22	68	20.1	11	2	19.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown, .....	21,401	44	2	16	43	13.4	4	2	13.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck, .....	13,158	24	2	17	15	13.6	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain, .....	47,058	129	7	76	44	11.2	6	34.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Haven, .....	138,720	348	14	123	192	16.1	38	14	27.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London, .....	20,081	52	1	27	37	20.9	1	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford, .....	5,051	12	.....	3	9	21.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk, .....	25,006	40	.....	19	28	13.4	2	10.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich, .....	28,935	54	2	23	48	18.6	6	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Orange, .....	12,127	21	2	2	19	18.8	3	31.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield, .....	7,098	13	1	7	7	11.8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth, .....	5,459	15	.....	5	3	6.5	2	100.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Putnam, .....	7,267	13	2	19	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Seymour, .....	5,935	8	.....	5	6	19.0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington, .....	6,641	11	.....	5	6	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford, .....	5,420	6	.....	1	6	13.2	3	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford, .....	30,835	50	2	56	29	11.2	4	2	20.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stonington, .....	9,276	12	.....	11	12	15.5	2	15.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stratford, .....	6,123	10	.....	3	4	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington, .....	17,717	52	2	12	27	18.2	7	3	37.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Uxbridge, .....	9,207	16	1	5	8	15.6	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon, .....	11,585	28	1	12	15	15.5	4	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallingford, .....	77,541	173	9	57	102	15.4	41	6	46.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury, .....	51,324	4	.....	2	4	14.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
West Hartford, .....	5,132	4	.....	2	4	16	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester, .....	8,862	21	2	4	16	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham, .....	13,097	32	3	18	20	14.6	5	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 42 above towns, .....	933,953	2087	99	958	1280	16.4	246	82	25.6	.....	6	17	26	4	23	4	7	.....	16	2	97	28	217	35	130	121	65	481	.....	.....	
122 towns of less than 5,000 inhabitants, .....	217,403	324	15	94	255	14.0	35	9	17.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 164 towns, .....	1,151,356	2411	114	1052	1535	15.9	281	91	24.2	.....	.....	6	20	45	4	23	4	7	.....	17	2	106	29	260	42	168	151	76	568	.....	.....
Population of towns not reporting, .....	4,689	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 26; in Danbury, 6; in Derby, 4; in Greenwich, 6; in Hartford, 87; in Huntington, 9; in Meriden, 19; in Middletown, 28; in New Britain, 5; in New Haven, 55; in New London, 11; in Norwich, 8; in Putnam, 2; in Stamford, 3; in Waterbury, 17; in Winchester, 5; and in Windham, 7. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in February: Bethelchem, Bloomfield, Bridgewater, Chaplin, Chester, Columbia, Eastford, East Haddam, Hampton, Hartland, Hebron, Lebanon, Lisbon, Mansfield, Marlborough, Middlebury, Middlefield, New Fairfield, Portland, Salem, Sherman, Southbury, Tolland, Union, Washington, Willington, Wolcott.—Total, 28.

The Registrars of the following towns have made no report for February: Brooklyn, Cornwall, Madison, Warren.—Total, 4.

\* Includes deaths in State Sanatorium.

# REMARKS.

By mortality reports received there were 1,535 deaths during the month of February. This was 72 less than in January and 17 less than in February of last year, and 64 more than the average number of deaths during February for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,608	1,601	1,760	1,498	1,366	1,557
February,	1,535	1,552	1,756	1,421	1,313	1,515

The death rate was 16.4 for the large towns, for the small towns 14.0, and for the whole State 15.9.

The deaths reported from infectious diseases were 244, being 15.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Glastonbury, 6; Thompson, 1.—Total, 7.

**Measles.**—Ashford, 1; Avon, 20+; Bozrah, 2+; Bridgeport, 3; Bristol, 8; Burlington, 1; Canton, 3; Cheshire, 2; Colchester (town), 2; Colchester (borough), 1; Cornwall, 4; Cromwell, 1; East Hartford, 22; East Lyme, 12, "epidemic"; East Windsor, "number of cases"; Enfield, 9; Fairfield, 1; Farmington, 1; Glastonbury, "epidemic"; Granby, 10; Greenwich, 4; Groton (town), 2; Groton (borough), 1; Guilford, 1; Hartford, 75; Harwinton, 3; Killingly, 1; Killingworth, 5; Lebanon, 1; Litchfield, 10-1; Madison, 5; Marlborough, 16; Meriden (city), 2; Middlebury, 1; Middletown, 2; Montville, 4; Naugatuck (borough), 12; New Britain, 8; New Haven (city), 6; New London, 155; North Canaan, 1; North Haven, 1; Norwich (city), 10; Norwich (town), 3; Old Saybrook, 1; Orange, 4; Salem, 4; Saybrook, 1; Simsbury, 13; Southbury, 3; Southington, 6; Stamford (city), 12; Stamford (town), 13; Stonington (town), 4; Stonington (borough), 1; Suffield, 1; Thomaston, 4; Thompson, 7; Torrington, 15; Wallingford, "epidemic"; Waterbury, 77; Waterford, 4; Watertown, 3; West Hartford, 4; Weston, 2; Willimantic (city), 1; Wilton, 3; Winsted (borough), 2; Woodstock, 1.—Total, 619-4 in 69 towns.

**Scarlet Fever.**—Ansonia, 8; Bridgeport, 51; Bristol, 3; Danbury, 1; Danielson (borough), 1; Derby, 11; East Hartford, 1; East Windsor, 3; Enfield, 7; Fairfield, 1; Farmington, 1; Franklin, 1; Glastonbury, 6; Greenwich, 1; Hamden, 3; Hartford, 93; Harwinton, 1; Huntington, 2; Kent, 2; Manchester, 4; Mansfield, 1; Milford, 4; Naugatuck (borough), 2; New Britain, 2; New Haven (city), 29; New London, 2; New Milford, 1; Norwalk (city), 2; Norwalk (town), 10; Norwich (city), 1; Plainfield, 1; Plymouth, 1; Pomfret, 1; Putnam, 1; Rockville (city), 1; Seymour, 4; Shelton (borough), 7; Simsbury, 1; South Norwalk (city), 6; South Windsor, 1; Stamford (city), 3; Stamford (town), 1; Stonington, 1; Stratford, 6; Suffield, 4; Washington, 4; Waterbury, 15; West Hartford, 5; Weston, 1; Westport, 1; Wethersfield, 1; Wilton, 2; Windsor Locks, 2; Woodstock, 3.—Total, 328 in 54 towns.

**Cerebro-Spinal Fever.**—Berlin, 1; Hartford, 2; New Canaan, 1.—Total, 4.

**Infantile Paralysis.**—Rockville (city), 1.

**Diphtheria and Croup.**—Ansonia, 4; Berlin, 1; Bloomfield, 1; Branford, 2; Bridgeport, 19; Bristol, 1; Canton, 1; Chester, 1; Derby, 2; East Hartford, 2; East Hartford, 1; East Haven, 1; Enfield, 1; Groton, 2; Hartford, 38; Jewett City (borough), 2; Manchester, 3; Marlborough, 3; Middletown (city), 2; Naugatuck (borough), 20; New Britain, 4; New Haven (city), 31; New London, 3; New Milford, 2; Norwalk (city), 1; Norwich (city), 1; Orange, 3; Plainfield, 2; Plainville, 1; Plymouth, 1; Portland, 3; Rockville (city), 4; Rocky Hill, 1; Sharon, 2; Shelton (borough), 1; Stamford (city), 3; Stratford, 1; Thompson, 2; Torrington, 5; Vernon, 19; Wallingford, 1; Waterbury, 19; Willimantic (city), 3.—Total, 219 in 43 towns.

**Whooping Cough.**—Branford, 1; Bridgewater, 3; Bristol, 4; Burlington, 1; Cheshire, 5; East Haven, 15; Hartford, 7; Harwinton, 4; Middletown (city), 8; New London, 8; North Stonington, 1; Roxbury, 8; Seymour, 1; Stamford (city), 1; Stonington, 5; Thomaston, 4; Waterbury, 4; Windham, 3; Windsor, 3.—Total, 86 in 19 towns.

**Typhoid Fever.**—Ansonia, 1; Bridgeport, 3; Danbury (city), 1; Greenwich, 1; Groton, 2; Hartford, 6; Manchester, 1; New Britain, 1; New London, 2; North Branford, 1; Putnam, 1; Shelton (borough), 1; Stonington, 1; Torrington, 1; Washington, 1; Waterbury, 5; Willimantic (city), 1.—Total, 30 in 17 towns.

**Consumption.**—Bethel, 1; Branford, 3; Bridgeport, 12; Bristol, 2; Brookfield, 2; Derby, 2; East Haven, 1; Fairfield, 1; Greenwich, 1; Hamden, 1; Hartford, 24; Huntington, 1; Kent, 3; Meriden (city), 3; Naugatuck (borough), 3; New Britain, 5; New Haven (city), 35; New Milford, 1; North Branford, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 3; Norwich (city), 4; Portland, 1; Putnam, 1; Roxbury, 1; Seymour, 1; Shelton (borough), 2; Simsbury, 1; Southington, 4; South Norwalk (city), 2; Stamford (city), 1; Suffield, 1; Thompson, 1; Torrington, 2; Washington, 1; Waterbury, 16; Winsted (borough), 1.—Total, 148 in 39 towns.

In addition to the above the Health Officers of 59 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, Fairfield, Litchfield, Windham, and Tolland Counties have reported, but the Health Officers of the following towns has not reported:

NEW LONDON CO.—Lisbon.

MIDDLESEX CO.—Haddam, Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—East Windsor, 2; Glastonbury, 1. Total, 3.

**LaGrippe.**—Bethany, 1; Chatham, 1; Clinton, 1; Colebrook, 1; Durham, 1; Franklin, 1; Milford, 1; Morris, 1; New Canaan, 1; New Hartford, 1; Old Lyme, 2; Thomaston, 1; Trumbull, 1; Westport, 2; Windsor, 1; Woodbridge, 1; Woodstock, 1.—Total, 19.

**Consumption.**—Bethel, 1; Bozrah, 1; East Haven, 1; Ellington, 1; Kent, 1; Newington (Sanatorium), 7; North Stonington, 1; Waterford, 1; Wethersfield, 1; Windsor, 1.—Total, 16.

Report of specimens examined at the Laboratory of the State Board of Health during the month of February:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	37	103	2	142
release .....	105	132	8	245
School Cases .....	10	154	0	164
Typhoid Fever .....	28	19	0	47
Tuberculosis .....	19	113	0	132
Malaria .....	1	4	0	5
Glanders .....	1	10	2	13
Rabies .....	1	1	0	2
Miscellaneous .....	6	7	0	13
Total specimens examined .....				763
Samples of milk analyzed .....				289
" " water examined .....				18
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## POLLUTION OF STREAMS.

Since the introduction of the water carriage of sewage about sixty-five years ago, the problem of the pollution of streams has grown with the growth of cities, and to-day represents a problem very seriously affecting the physical and economic welfare as well as the health of the people. It may be of interest to know that sewage systems, as they are known to-day, are of comparatively recent origin. The cloaca maxima of ancient Rome and the later so-called sewers of London and Paris were not sewers in the sense that we use the term at the present time. They were simply drains for lowering the ground water level and for carrying off roof water. Until 1847 laws were in force prohibiting the disposal of human wastes in the drains of London. The change in the methods of waste disposal resulted, however, in unexpected conditions in many of the more thickly settled districts. So long as the liquid discharge was roof and ground-water there was no material effect on the condition of the streams, but with the added burden of domestic sewage many of the smaller streams became seriously polluted, and as a result of the nuisance it became evident that the disposal of wastes had been changed from a problem for each individual to one for the community as a whole to consider.

As a result of the careful study of sanitary engineers in connection with these sewage disposal problems marked advances have been made, but one point is evident and must be recognized, i. e. that the amount of purification required and the type of plant to be installed can only be determined in each case by a study of local conditions. On account of the increasing population it is and always will be physically impossible to maintain waterways in their original and natural condition of purity, but a reasonable degree of cleanliness should nevertheless be demanded, so as not to cause offense to public decency or injury to public health.

The interest in this matter in Connecticut is shown by the large number of bills on the subject that have been introduced at the present session of the Legislature, some dealing with the pollution of all waters and others aimed at special nuisances. Massachusetts, New York, Ohio, Pennsylvania, New Jersey, and other states have given their State Boards of Health extensive powers to prevent the pollution of their streams and with such success that other states are rapidly falling into line, so that it will be only a matter of a few years when the state whose Board of Health does not possess an efficient sanitary engineering department to deal with these problems will be the exception.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, March 15, 1913.

\* Nineteen delayed certificates for January have been received since the publication of the last Bulletin.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., FEBRUARY, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	49	20	34	.06	Partly Cloudy	77	Mean . . . . . 30.01; highest . . . . . 30.45; date 2	Lowest . . . . . 29.54; . . . . . date 22
2	28	16	22	.00	Clear	100	<b>TEMPERATURE.</b>	
3	33	24	28	.59	Cloudy	0	Highest . . . . . 54°; date 21; lowest . . . . . 3°; date 13	Greatest daily range . . . . . 29°; . . . . . date 1
4	31	24	28	.00	Partly Cloudy	79	Least daily range . . . . . 6°; . . . . . date 22	Mean highest . . . . . 34.9°; lowest . . . . . 18.2°
5	24	16	20	.00	Clear	86	<b>MEAN FOR THIS MONTH IN</b>	
6	21	12	16	.00	Partly Cloudy	83	1905-21° 1906-28° 1907-20° 1908-24° 1909-32° 1910-27° 1911-26° 1912-25°	1913-27°
7	23	10	16	.00	Clear	100	Mean for this month . . . . . 26.6°	Normal for this month . . . . . 27.2°
8	30	18	24	T.	Partly Cloudy	91	Absolute maximum for this month for 9 years . . . . . 57°	Absolute minimum for this month for 9 years . . . . . -6°
9	29	16	22	.00	Clear	86	Average daily excess of this month as compared with the normal . . . . . 0.6°	Accumulated excess (+) since January 1 . . . . . 339.7°
10	18	4	11	.00	Clear	100	Average daily excess (+) since January 1 . . . . . 5.8°	
11	36	7	22	.27	Cloudy	0	<b>PRECIPITATION.</b>	
12	32	8	20	T.	Clear	93	Total this month . . . . . 2.33	Greatest precipitation in 24 hours 0.71, date . . . . . 27
13	22	3	12	.00	Clear	100	Normal for this month . . . . . 3.55	Deficiency (-) of this month as compared with the normal . . . . . 1.22
14	37	14	26	.00	Clear	100	Accumulated deficiency (-) since January 1 . . . . . 2.23	
15	45	20	32	.00	Clear	92	<b>TOTAL PRECIPITATION THIS MONTH IN</b>	
16	47	29	38	.00	Partly Cloudy	72	1905-1.79 1906-2.30 1907-2.48 1908-4.98 1909-5.47 1910-4.43	1911-2.64 1912-3.43 1913-2.33
17	38	20	29	T.	Partly Cloudy	64	<b>WIND.</b>	
18	31	14	22	.00	Clear	100	Prevailing direction . . . . . N. W.	Total movement . . . . . 5,450 miles
19	39	16	28	.00	Partly Cloudy	81	Average hourly velocity . . . . . 8.1	Maximum velocity (in five minutes) 36 miles per hour, from S.W. on ist.
20	54	31	42	.00	Partly Cloudy	66	<b>WEATHER.</b>	
21	54	39	46	T.	Cloudy	28	Number of days, clear . . . . . 11	Partly cloudy . . . . . 11
22	39	33	36	.58	Cloudy	0	Cloudy . . . . . 6	On which .01 inch, or more, occurred . . . . . 8
23	40	18	29	.01	Cloudy	37	<b>MISCELLANEOUS PHENOMENA (dates of).</b>	
24	30	15	22	.00	Partly Cloudy	94	Halos, solar . . . . . 0	Halos, lunar . . . . . 19
25	26	10	18	.00	Clear	100	Thunderstorms . . . . . 22, 27	Dense fog . . . . . 0
26	32	13	22	.07	Partly Cloudy	68	Total snowfall for the month . . . . . 9.3 in.	
27	34	26	30	.71	Cloudy	0		
28	54	34	44	.04	Partly Cloudy	56		
29								
30								
31								
Mean	35	18	27	2.33		70		

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 65 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MARCH, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of March, 1913, and a Statement of the Births and Marriages for the Month of February, 1913.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in February.	Still Births in February.	Marriages in February.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Consumption in State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,646	49	1	14	10	12.2	5	11.3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	2	.....	3	.....	1	.....	1	7
Branford.....	6,115	28	.....	.....	3	9.8	.....	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.....	108,265	234	12	77	181	19.5	39	17	30.9	2	8	1	.....	3	.....	.....	.....	.....	.....	4	9	5	40	3	9	17	11	74
Bristol.....	14,273	24	1	5	10	8.4	4	60.0	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.....	24,397	34	2	5	45	19.7	4	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby.....	9,203	26	3	6	10.4	.....	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.....	8,464	14	.....	.....	13	12	16.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	10,323	23	3	20	18	20.9	5	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.....	6,463	12	.....	.....	2	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.....	17,321	25	3	2	20	13.1	4	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton.....	6,601	17	.....	.....	19	34.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamden.....	6,094	10	2	1	10	19.6	1	15.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	102,728	252	9	86	188	19.3	40	14	28.7	1	5	4	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington.....	6,739	25	.....	.....	8	7.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly.....	6,510	8	1	3	4	7.3	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester.....	14,249	22	2	9	10	8.4	2	16.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden.....	32,740	64	4	11	56	15.7	8	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	21,401	36	5	3	42	12.3	11	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck.....	13,158	22	.....	.....	5	11.8	.....	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	47,958	136	7	39	62	15.8	22	40.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	138,720	397	16	99	244	19.0	47	27.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	20,681	39	1	29	39	21.5	6	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.....	5,051	10	.....	.....	2	10.0	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	25,066	39	1	7	36	17.2	4	19.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich.....	28,935	58	1	14	47	17.0	9	21.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	12,127	15	.....	.....	4	8	7.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	7,098	12	1	4	9	15.2	5	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,459	15	.....	.....	1	14	30.7	1	28.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,267	10	.....	.....	10	7	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour.....	5,935	16	1	1	4	9.5	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington.....	6,641	10	.....	.....	7	12.6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,420	10	.....	.....	2	7	15.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	30,835	62	1	41	40	15.5	4	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	9,276	14	1	5	7	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	6,123	8	.....	.....	5	15.6	3	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,717	33	4	8	15	10.1	2	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,207	16	.....	.....	5	13	16.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,585	26	.....	.....	5	11	11.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	77,541	195	4	34	93	13.4	28	39.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford.....	5,132	6	.....	.....	6	14.0	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	8,862	20	1	3	11	13.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	13,097	27	1	5	17	13.7	4	35.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns,.....	933,953	1959	88	589	1389	17.8	280	93	26.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120 towns of less than 5,000 inhabitants,.....	210,792	264	14	94	301	17.1	38	11	16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns,.....	1,144,745	2253	102	683	1690	17.7	318	104	24.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting,.....	11,300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 44; in Danbury, 10; in Derby, 1; in Greenwich, 6; in Hartford, 79; in Huntington, 13; in Meriden, 14; in Middletown, 21; in New Britain, 10; in New Haven, 78; in New London, 7; in Norwich, 14; in Putnam, 0; in Stamford, 2; in Waterbury, 20; in Winchester, 5; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in March: Andover, Beacon Falls, Bethleham, Bloomfield, Bolton, Bridgegewater, Chatham, Colebrook, Columbia, Eastford, Goshen, Hampton, Hartland, Killingworth, Marlborough, Middlebury, Middletown, Morris, Norfolk, North Branford, Oxford, Prospect, Rocky Hill, Salem, Warren, Westbrook, Willington.—Total, 27.

The Registrars of the following towns have made no report for March: Cornwall, Essex, Granby, Scotland, Trumbull, Watertown.—Total, 6.

\* Includes deaths in State Sanatorium.

# REMARKS.

By mortality reports received there were 1,690 deaths during the month of March. This was 141 more than in February and 22 more than in March of last year, and 86 more than the average number of deaths during March for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	*1,612	1,601	1,760	1,498	1,366	1,557
February,	*1,549	1,552	1,556	1,421	1,313	1,515
March,	1,690	1,668	1,692	1,632	1,456	1,456

Total first quarter, 4,851 4,821 5,008 4,551 4,251 4,528

The death rate was 17.8 for the large towns, for the small towns 17.1, and for the whole State 17.7.

The deaths reported from infectious diseases were 243, being 14.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Hartford, 1; Manchester, 1; Thompson, 3.—Total, 5 in 3 towns.

**Measles.**—Ansonia, 1; Ashford, 3; Barkhamsted, 1; Beacon Falls, 2; Bridgeport, 5; Bristol, 4; Canton, 5; Cheshire, 2; Cornwall, 2; Derby, 1; Durham, 1; East Hartford, 4; East Haven, 3; East Lyme, "epidemic"; East Windsor, "a few cases"; Ellington, 3; Enfield, 5; Essex, 1; Farmington, 4; Glastonbury, "decreasing epidemic"; Granby, 8; Greenwich, 36; Groton (town), 1; Groton (borough), 1; Guilford, 4; Hamden, 2; Hartford, 136; Killingworth, 8; Lebanon, 3; Litchfield, 7; Madison, 1; Mansfield, 1; Marlborough, 1; Meriden (city), 2; Middlebury, 1; Middletown, 3; Monroe, 1; Montville, 4; Morris, 1; Naugatuck, 6; New Britain, 5; New Haven, 112; New London, 148; New Milford, 1; Newtown, 1; North Canaan, 2; North Haven, 1; Norwich (city), 20; Orange, 2; Oxford, 2; Plainfield, 1; Plainville, 1; Plymouth, 12; Putnam, 7; Ridgefield, 1; Saybrook, 2; Simsbury, 22; Southington, 10; South Norwalk (city), 1; Stamford, 6; Stamford (city), 14; Suffield, 2; Thompson, 2; Torrington, 10; Wallingford, "epidemic"; Waterbury, 122; Waterford, 5; Weston, 3; Westport, 2; Wilton, 2; Windsor, 2; Winsted (borough), 4; Woodbury, 15.—Total, 821+ in 73 towns.

**Scarlet Fever.**—Ansonia, 15; Beacon Falls, 3; Bridgeport, 88; Bristol, 2; Chatham, 1; Cheshire, 2; Columbia, 1; Danbury (city), 6; Darien, 3; Derby, 5; East Hartford, 4; East Haven, 2; Essex, 1; Fairfield, 1; Greenwich, 4; Hamden, 10; Hampton, 1; Hartford, 64; Huntington, 1; Killingly, 2; Manchester, 1; Mansfield, 1; Meriden (city), 6; Meriden (town), 3; Middletown (city), 1; Milford, 1; Naugatuck, 7; New Britain, 7; New Haven, 39; New London, 1; New Milford, 7; North Haven, 1; Norwalk (city), 4; Norwalk (town), 6; Norwich (city), 1; Orange, 1; Plainfield, 2; Portland, 1; Putnam, 2; Redding, 2; Rockville (city), 2; Salisbury, 1; Seymour, 14; Shelton (borough), 9; South Norwalk (city), 3; South Windsor, 1; Stamford (city), 12; Stratford, 5; Suffield, 6; Torrington, 1; Wallingford, 3; Warren, 5; Waterbury, 13; West Hartford, 2; Westport, 6; Wethersfield, 1; Willimantic (city), 2; Willington, 1; Wilton, 3; Windham, 2; Windsor, 2; Windsor Locks, 1; Woodbury, 1.—Total, 401 in 63 towns.

**Cerebro-Spinal Fever.**—Enfield, 1; Hartford, 1; Orange, 3.—Total, 5 in 3 towns.

**Infantile Paralysis.**—Willimantic (city), 1.

**Diphtheria and Croup.**—Ansonia, 9; Bloomfield, 2; Bridgeport, 22; Bristol, 2; Canton, 2; Danbury (city), 8; Danbury (town), 2; Derby, 2; East Hartford, 1; Enfield, 1; Greenwich, 1; Hartford, 32; Lebanon, 1; Manchester, 1; Meriden (city), 2; Meriden (town), 1; Middletown (city), 1; Middletown (town), 1; Naugatuck, 10; New Britain, 3; New Haven, 15; New Milford, 1; Norwalk (city), 3; Norwalk (town), 1; Norwich (city), 1; Plainfield, 6; Plymouth, 1; Portland, 3; Putnam, 1; Rockville (city), 3; Salisbury, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 6; Suffield, 1; Waterbury, 5; West Hartford, 1; Windham, 1; Winsted (borough), 1.—Total, 158 in 39 towns.

**Whooping Cough.**—Branford, 1; Bristol, 6; Colchester, 11+; East Haven, "more or less prevalent"; Hartford, 5; Hebron, 10; Jewett City (borough), 1; Litchfield, 3; New Britain, 2; New Haven, 91; New London, 3; Newtown, 4; North Stonington, 6; Stamford (city), 2; Stonington (town), 24; Sturbridge (borough), 5; Suffield, 1; Waterbury, 6; Windsor, 2.—Total, 183+ in 19 towns.

**Typhoid Fever.**—Bridgeport, 1; East Haven, 1; Greenwich, 1; Hartford, 2; New Britain, 1; New Haven, 1; Orange, 1; Shelton (borough), 1; Stamford (city), 1; Willimantic (city), 1.—Total, 11 in 10 towns.

**Consumption.**—Andover, 1; Ansonia, 1; Bloomfield, 2; Branford, 1; Bridgeport, 27; Bristol, 1; Brookfield, 2; Coventry, 1; Derby, 2; Enfield, 2; Greenwich, 1; Guilford, 2; Haddam, 1; Hamden, 2; Hartford, 14; Litchfield, 1; Meriden (city), 6; Middletown, 1; Milford, 1; Naugatuck, 3; New Britain, 5; New Haven, 60; New London, 2; North Canaan, 1; Norwalk (city), 2; Norwalk (town), 1; Norwich (city), 2; Norwich (town), 2; Plainville, 1; Plymouth, 2; Rockville (city), 1; Seymour, 3; Simsbury, 1; South Norwalk (city), 2; Sprague, 1; Stamford (city), 4; Suffield, 1; Thomaston, 2; Torrington, 1; Wallingford, 1; Warren, 1; Waterbury, 17; Westbrook, 1; Willimantic (city), 1; Winsted (borough), 1.—Total, 191 in 45 towns.

\* Four delayed certificates for January and fourteen for February have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of 62 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD CO.—Avon.

FAIRFIELD CO.—New Canaan (town and borough).

LITCHFIELD CO.—Bridgewater.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—East Lyme, 1.

**Scarlet Fever.**—Windsor, 1.

**LaGrippe.**—Ashford, 1; Canterbury, 2; Franklin, 1; Lisbon, 1; Milford, 1; North Canaan, 1; Old Saybrook, 1; Plainville, 1; Sherman, 1; South Windsor, 1; Sprague, 1; Waterford, 1; Windsor Locks, 1; Woodstock, 1.—Total, 15.

**Whooping Cough.**—East Haven, 1; Haddam, 1.—Total, 2.

**Typhoid Fever.**—Tolland, 1.

**Consumption.**—Colchester, 1; Cromwell, 1; Easton, 1; Farmington, 1; Litchfield, 1; New Canaan, 1; Newington (Sanatorium), 4; Old Lyme, 1; Plainville, 1; Preston, 1; Redding, 1; Salisbury, 1; Somers, 1; Sprague, 1; Thomaston, 1; Voluntown, 1; Waterford, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of March:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	21	81	0	102
release .....	61	111	1	173
School Cases .....	75	807	0	882
Typhoid Fever .....	11	22	0	33
Tuberculosis .....	27	138	0	165
Malaria .....	1	5	0	6
Glanders .....	11	23	6	40
Miscellaneous .....	2	1	1	4
Total specimens examined .....				1405
Samples of milk analyzed .....				343
" " water examined .....				32
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## CLEAN UP.

The springtime is here, the season when the rubbish heap, the manure pile and other filthy accumulations of the winter should go. If you wish to make a real contribution to the comfort and welfare of your community, you should clean up your premises and induce your neighbor to do the same.

In a number of cities of the state it has come to be the custom to designate a certain day as clean up day, and all people, particularly the children, are urged to remove the rubbish from their back-yards and the vacant lots in their neighborhood. The municipality usually provides the teams for transporting the rubbish so collected to the public dump. This is an excellent practice and should be extended.

Accumulations of rubbish are not only unsightly but are also unhealthy inasmuch as they often serve as breeding places for flies and other insects, and the time to begin warfare against these pests is in the spring, when breeding begins from the few insects or eggs that have survived the winter.

Flies breed by preference in horse manure, but will also breed in any fermenting organic matter. The female lays about 150 eggs, which are hatched in eight hours time. They then pass through the stages of maggot and pupa and become adult flies in about ten days, ready to breed again, so that it can be readily seen how rapidly they multiply. As carriers of contagion it is their habit to swarm over fecal matter and other filth and then feed upon our table, depositing perhaps thereon the germs of typhoid fever, dysentery, etc. This department has a special bulletin on the fly which can be had on application.

Mosquitoes will breed in any quiet pool of water. Tin cans, broken vessels or any receptacle on the rubbish heap which perchance may contain a little water are excellent breeding places for them. Mosquitoes are not only a nuisance, but some species carry malaria to the individuals bitten by them. Get rid of the breeding places and you will get rid of flies and mosquitoes.

Clean up and do it now, before these insects have an opportunity to breed their spring families, which increase by the addition of many generations as the summer advances. Then keep your premises clean and do not allow decaying material of any kind to accumulate. Always keep the garbage can carefully covered; and while it may be impossible to exterminate all flies and mosquitoes, the danger and trouble may be greatly lessened by a proper use of screens for doors and windows.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, April 15, 1913.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MARCH, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	42	34	38	.09	Cloudy	0	30.12	29.43
2	42	21	32	.01	Cloudy	48	30.92	
3	40	18	29	.00	Partly Cloudy	48		
4	45	33	39	.00	Cloudy	7		
5	45	32	38	T.	Partly Cloudy	77		
6	42	16	29	.25	Cloudy	13		
7	17	10	14	.00	Partly Cloudy	100		
8	31	8	20	.00	Clear	100		
9	61	30	46	T.	Partly Cloudy	67		
10	52	36	44	.10	Cloudy	73		
11	45	34	40	.29	Cloudy	9		
12	55	34	44	.00	Clear	93		
13	52	33	42	T.	Cloudy	18		
14	60	45	52	.88	Cloudy	0		
15	59	48	54	.08	Cloudy	0		
16	48	31	40	.04	Cloudy	5		
17	38	23	32	T.	Partly Cloudy	80		
18	45	20	32	.00	Clear	100		
19	62	36	49	.00	Clear	100		
20	59	37	48	.60	Cloudy	2		
21	66	54	60	.09	Cloudy	31		
22	62	30	46	.00	Clear	100		
23	46	27	36	T.	Partly Cloudy	77		
24	66	40	53	.02	Cloudy	66		
25	70	52	61	.25	Cloudy	53		
26	57	38	48	.82	Cloudy	0		
27	63	32	48	1.07	Cloudy	1		
28	40	28	34	.00	Clear	83		
29	48	26	37	.00	Clear	100		
30	58	33	46	T.	Cloudy	61		
31	59	44	52	.27	Cloudy	4		
Mean	51	32	41	.486		49		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.12; highest. 30.92; date 18
Lowest	29.43; date 27

TEMPERATURE.	
Highest	70°; date 25; lowest. 8°; date 8
Greatest daily range	32°; date 22
Least daily range	7°; date 7
Mean highest	50.8°; lowest. 31.8°

MEAN FOR THIS MONTH IN	
1905-36°	1906-31°
1907-38°	1908-37°
1909-35°	1910-42°
1911-34°	1912-34°
1913-41°	

Mean for this month	41.3°
Normal for this month	35.0°
Absolute maximum for this month for 9 years	80°
Absolute minimum for this month for 9 years	7°
Average daily excess of this month as compared with the normal	6.3°
Accumulated excess (+) since January 1	535.0°
Average daily excess (+) since January 1	5.9°

PRECIPITATION.	
Total this month	4.86
Greatest precipitation in 24 hours 1.50, date	26-27
Normal for this month	4.32
Excess (+) of this month as compared with the normal	0.54
Accumulated deficiency (-) since January 1	1.69

TOTAL PRECIPITATION THIS MONTH IN	
1905-3.35	1906-5.02
1907-1.33	1908-3.06
1909-3.64	1910-0.95
1911-3.89	1912-7.29
1913-4.86	

WIND.	
Prevailing direction	South
Total movement	7,718 miles
Average hourly velocity	10.4
Maximum velocity (in five minutes) 49 miles per hour, from S.W. on 27th.	

WEATHER.	
Number of days, clear	7
Partly cloudy	6
Cloudy	18
On which .01 inch, or more, occurred	15

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	0
Halos, lunar	0
Thunderstorms	1, 25, 27
Dense fog	1, 13, 14, 21
Total snowfall for the month	2.1 in.

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 73 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF APRIL, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of April, 1913, and a Statement of the Births and Marriages for the Month of March, 1913.

Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in March.	Still Births in March.	Marriages in March.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Diseases.	Accidents and Violence.	All other Diseases.
Ansonia.....	15,696	44	1	9	13	9.9	3	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	1	1	1	1	2	3
Brantford.....	6,115	14	1	2	4	7.8	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	12	19
Bridgeport.....	108,205	302	7	70	135	14.1	26	27.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	1	17	2	9	12	11	6
Bristol.....	14,273	10	4	10	8.4	3	3	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	4
Danbury.....	24,307	30	5	9	34	16.2	7	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	16
Derby.....	9,203	38	2	10	11.7	2	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	5
East Hartford.....	8,484	23	2	9	3	4.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Enfield.....	10,323	27	2	29	13	15.1	3	30.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Fairfield.....	6,463	5	.....	.....	5	9.2	1	40.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	3
Greenwich.....	17,321	31	.....	.....	21	17.3	6	25.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	6
Groton.....	6,601	7	.....	.....	3	6	10.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Hamden.....	6,094	12	.....	.....	4	7.8	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Hartford.....	102,728	277	6	81	188	17.5	28	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
Huntington.....	6,739	15	.....	.....	2	22	17.8	4.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Killingly.....	6,510	8	.....	.....	1	7	12.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Manchester.....	14,249	27	1	7	9	7.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
Meriden.....	32,740	86	4	8	35	9.8	4	11.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Middletown.....	21,401	53	2	6	55	17.9	3	5.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Naugatuck.....	13,158	22	1	2	10	9.1	1	60.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
New Britain.....	47,058	141	7	21	47	11.9	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
New Haven.....	138,720	389	8	95	213	17.4	34	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87
New London.....	20,081	48	2	25	27	14.9	6	48.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
New Milford.....	5,051	8	1	1	4	9.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Norwalk.....	25,066	44	1	23	39	18.6	6	17.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
Norwich.....	28,935	58	1	13	42	14.9	6	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Orange.....	12,127	19	.....	3	14	13.8	5	35.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Plainfield.....	7,098	16	1	5	6	10.1	1	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Plymouth.....	5,459	16	2	.....	1	2.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,207	20	.....	28	12	16.5	1	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour.....	5,035	6	.....	.....	9	21.4	2	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	6,641	14	2	.....	3	5.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,420	10	.....	4	5	11.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	30,835	67	4	34	36	12.4	5	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
Stonington.....	9,276	14	.....	7	12	15.5	4	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	6,123	12	.....	2	9	17.6	3	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	17,717	34	4	4	10	6.7	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,207	16	1	6	4	5.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,586	28	.....	6	13	13.4	3	30.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	77,541	178	9	31	115	17.1	30	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
West Hartford.....	5,132	8	1	2	4	9.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windsor.....	8,802	15	1	6	12	13.5	8	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester.....	13,097	33	3	12	16	14.6	4	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns,.....	933,953	2225	81	601	1243	15.9	217	83	24.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
117 towns of less than 5,000 inhabitants,.....	211,182	331	15	104	250	14.2	27	11	15.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 159 towns,.....	1,145,135	2556	96	705	1493	15.6	244	94	22.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting,.....	10,910	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 34; in Danbury, 6; in Derby, 1; in Greenwich, 4; in Hartford, 86; in Huntington, 12; in Meriden, 12; in Middletown, 31; in New Britain, 8; in New Haven, 88; in New London, 5; in Norwich, 6; in Norwalk, 6; in Putnam, 2; in Stamford, 5; in Waterbury, 5; in Winchester, 5; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in April: Andover, Ashford, Barkhamsted, Bethany, Bethlehem, Bolton, Borrah, Bridgewater, Canaan, Clinton, Eastford, East Granby, Farmington, Goshen, Granby, Griswold, Hartland, Hebron, Lebanon, Lisbon, Marlborough, Middlebury, North Branford, North Haven, Old Saybrook, Oxford, Redding, Roxbury, Saybrook, Scotland, Sherman, Southbury, Sterling, Tolland, Union, Warren, Westbrook, Wolcott.—Total, 39.

The Registrars of the following towns have made no report for April: Cornwall, Franklin, Kent, Lyme, Madison, New Fairfield, Norfolk, Voluntary, Waterford.—Total, 9.

\* Includes deaths in State Sanatorium.

# REMARKS.

By mortality reports received there were 1,493 deaths during the month of April. This was 203 less than in March and 25 more than in April of last year, and 4 more than the average number of deaths during April for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	*1,614	1,601	1,760	1,498	1,366	1,557
February,	1,546	1,552	1,556	1,421	1,313	1,515
March,	*1,696	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,856	4,821	5,008	4,551	4,251	4,528
April,	1,493	1,425	1,679	1,509	1,501	1,330

The death rate was 15.9 for the large towns, for the small towns 14.2, and for the whole State 15.6.

The deaths reported from infectious diseases were 219, being 14.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Danbury (city), 1; Portland, 1; Thompson, 1.—Total, 3 in 3 towns.

**Measles.**—Andover, 1; Ansonia, 8; Ashford, 3; Beacon Falls, 1; Berlin, 1; Branford, 1; Bridgeport, 10; Bristol, 8; Burlington, 5; Canaan, 1; Canterbury, 1; Canton, 1; Cheshire, 78; Clinton, 6; Cornwall, 1; Coventry, 1; Danbury (city), 20; Derby, 1; Durham, 2; Eastford, 2; East Lyme, 3; Ellington, 1; Essex, 5; Farmington, 13; Franklin, 1; Glastonbury, 15; Greenwich, 26; Groton (town), 2; Groton (borough), 21; Guilford, 2; Hamden, 8; Hartford, 117; Kent, 3; Lyme, 1; Meriden (city), 1; Meriden (town), 2; Middlebury, 26; Milford, 2; New Britain, 3; New Hartford, 20; New Haven, 86; New London, 49; New Milford, 1; Norfolk, 2; North Branford, 1; North Canaan, 50; Norwalk (city), 3; Norwalk (town), 2; Norwich (city), 10; Norwich (town), 6; Orange, 12; Plainfield, 1; Plainville, 2; Plymouth, 50; "epidemic"; Pomfret, 43+; Portland, 2; Prospect, 12; Putnam, 20; Redding, 3; Salisbury, 1; Stamford (city), 2; Stonington, 1; Stratford, 2; Thomaston, 1; Trumbull, 2; Wallingford, 6; Waterbury, 171; Watertown, 1; Westbrook, 2; West Hartford, 3; Westport, 18; Wethersfield, 2; Winchester, 2; Winsted (borough), 35; Wolcott, 8; Woodstock, 73.—Total, 1113+ in 76 towns.

**Scarlet Fever.**—Ansonia, 3; Beacon Falls, 5; Branford, 1; Bridgeport, 51; Bristol, 2; Brookfield, 1; Cheshire, 1; Danbury (city), 1; Darien, 1; Derby, 4; East Hartford, 6; Enfield, 3; Fairfield, 1; Haddam, 5; Hamden, 2; Hartford, 36; Huntington, 6; Madison, 1; Manchester, 3; Meriden, 2; Middletown, 1; Milford, 3; Naugatuck, 12; New Britain, 5; New Haven, 36; New London, 2; Norwalk (city), 2; Norwalk (town), 3; Norwich (city), 3; Orange, 1; Plainfield, 1; Putnam, 2; Saybrook, 1; Seymour, 4; Shelton (borough), 5; South Norwalk (city), 5; South Windsor, 1; Stamford (city), 8; Stratford, 4; Torrington, 3; Wallingford, 1; Warren, 1; Waterbury, 6; West Hartford, 1; Willington, 2; Windsor, 2; Winsted (borough), 1; Woodstock, 1.—Total, 252 in 48 towns.

**Diphtheria and Croup.**—Ansonia, 2; Berlin, 1; Branford, 1; Bridgeport, 16; Bristol, 4; Colchester, 1; Coventry, 1; Cromwell, 1; Danbury (city), 6; Danbury (town), 2; Ellington, 1; Enfield, 4; Glastonbury, 2; Guilford, 2; Hamden, 1; Hartford, 34; Litchfield, 3; Manchester, 3; Meriden (city), 5; Meriden (town), 1; Middletown (city), 3; Middletown (town), 1; Naugatuck, 3; New Britain, 6; New Canaan, 1; New Haven, 16; New London, 1; North Stonington, 1; Orange, 1; Plainfield, 1; Plainville, 1; Plymouth, 1; Portland, 1; Putnam, 2; Rockville (city), 5; Salisbury, 1; Saybrook, 5; Shelton (borough), 2; Southington, 1; South Norwalk (city), 1; Stamford (city), 3; Stratford, 1; Thompson, 2; Washington, 1; Waterbury, 27; Willimantic (city), 3; Windsor, 3; Winsted (borough), 2.—Total, 185 in 48 towns.

**Whooping Cough.**—Berlin, "several"; Branford, "epidemic in Stony Creek"; Bristol, 4; Colchester (town and borough), "epidemic"; Griswold, 4; Hartford, 6; Madison, 11; Middletown (city), 11; Milford, 1; New Britain, 1; New Canaan, 2; New Haven, 45; New London, 7; North Haven, 3; North Stonington, 2; Old Saybrook, 9; Plainfield, 3; South Norwalk (city), 1; Stamford (city), 3; Stonington, 5; Waterbury, 9; Waterford, 1; Wethersfield, 12.—Total, 139+.

**Typhoid Fever.**—Branford, 1; Bridgeport, 1; Enfield, 1; Hamden, 2; Hampton, 1; Hartford, 2; Huntington, 1; Killingly, 1; Meriden (city), 1; Middletown (city), 1; Naugatuck (city), 1; New Haven, 11; Newington, 1; North Canaan, 1; Putnam, 1; Southington, 1; Stafford, 1; Stonington (borough), 1; Waterbury, 10; Willimantic (city), 2.—Total, 42 in 20 towns.

**Consumption.**—Branford, 1; Bridgeport, 18; Bristol, 2; Brookfield, 2; Cromwell, 1; Danielson (borough), 1; Darien, 4; Derby, 1; Enfield, 3; Glastonbury, 1; Greenwich, 1; Hamden, 1; Hampton, 1; Hartford, 14; Manchester, 1; Meriden (city), 9; Middletown (city), 2; Middletown (town), 8; Milford, 1; Naugatuck, 4; New Britain, 5; New Haven, 33; New London, 6; Norwalk (city), 1; Norwalk (town), 2; Norwich (town), 2; Preston, 2; Putnam, 5; Rockville (city), 2; Seymour, 3; Simsbury, 1; South Norwalk (city), 2; Stafford Springs (borough), 1; Stamford (city), 5; Stamford (town), 1; Thomaston, 1; Torrington, 1; Waterbury, 19; Willimantic (city), 2; Winsted (borough), 1.—Total, 172 in 41 towns.

\*Two delayed certificates for January and six for March have been received since the publication of the last Bulletin.

In addition to the above the Health Officers of 58 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Avon.  
FAIRFIELD Co.—Newtown.  
LITCHFIELD Co.—Morris.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Scarlet Fever.**—Beacon Falls, 1; Windsor, 1.—Total, 2.  
**LaGrippe.**—Darien, 1; Hampton, 1; New Hartford, 1; North Canaan, 1; Somers, 1; Thompson, 1.—Total, 6.

**Diphtheria and Croup.**—Litchfield, 1; Windsor, 1.—Total, 2.

**Whooping Cough.**—Colchester, 1.

**Consumption.**—Bloomfield, 1; Essex, 1; Glastonbury, 1; Haddam, 1; Hampton, 1; Milford, 1; Newington (Sanatorium), 11; Portland, 1; South Windsor, 11; Thomaston, 1; Windsor, 1; Windsor Locks, 1; Woodbury, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of April:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	25	48	0	76
"    release .....	40	59	0	99
School Cases .....	21	115	0	136
Typhoid Fever .....	15	37	2	54
Tuberculosis .....	39	115	0	154
Malaria .....	3	11	1	15
Glanders .....	4	18	1	23
Miscellaneous .....	2	1	0	3
Total specimens examined .....				560
Samples of milk analyzed .....				309
"    " water examined .....				39
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## SEWAGE DISPOSAL AND THE PUBLIC HEALTH.

In his recent lectures at Yale, Dr. Osler very rightly stated that the typhoid death rate of a community is an index of the efficiency of its sanitary administration. It is also true that there are three requisites for an efficient health organization: sanitary legislation in harmony with the latest progress in hygiene, efficient organization, and adequate appropriations to bear the expense involved. While we are proud of the fact that the last report of the U. S. Census Bureau states that Bridgeport, Conn., had the lowest death rate from typhoid fever for that year (1910) of any large city in the country, it is true that the 1037 cases with 131 deaths reported in the state last year are all preventable and to a much greater extent than in the case of most of the infectious diseases. Every case of typhoid fever comes directly from some previous case, because the discharges from that patient have been improperly cared for, the infection being contained in the urine and feces. It is estimated that five per cent. of all persons who have had the disease become chronic carriers of the typhoid bacilli which they excrete in the urine and feces indefinitely, and persons have been found to be bacillus carriers who never to their knowledge have had typhoid fever. Hence it is evident that there must be very few communities that, in addition to their active cases, do not always have chronic bacillus carriers to infect the sewage, which thus becomes a source of danger to the public. No attempt at the prevention of typhoid fever can be effective which does not provide for a proper disposal of sewage. In considering sewage disposal it must be borne in mind that it is a public necessity as much as police and fire patrol; that it costs money and cannot be made a source of income. No community expects a pecuniary return on an investment for fire engines or police stations, as much as they are needed for the protection of life and property; so too, a system of sewage disposal is necessary for the protection of health and is not to be treated as if intended as a source of revenue.

In the solution of the sewage disposal problems the present custom of one municipality discharging its wastes into the nearest waterway to be carried to the doorway of its neighbor farther down the stream can not be continued indefinitely, and the expenses involved in the construction of sewerage systems with no thought for necessary changes in the future, is a waste of money which can be largely eliminated by the supervision of a central board whose primary duty is the general welfare of the state as a whole. Sanitary authorities are agreed that a certain amount of pollution is inevitable when cities are built on the shores of streams, and that the degree of purification necessary or advisable is dependent upon the economic and sanitary benefits to be derived. Such problems, however, involve the welfare of the state as a whole and can not be satisfactorily worked out by local authorities. Our present laws are inadequate to cope with the situation, and the bills now before the legislature have been presented for the purpose of bringing the state of Connecticut in line with those states which are giving these problems the consideration they demand.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, May 15, 1913.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., APRIL, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	50	36	43	.00	Partly Cloudy	50	Mean ..... 30.02; highest..... 30.57; date 10	Lowest..... 29.61; ..... date 1
2	53	38	46	.00	Clear	88	TEMPERATURE.	
3	56	40	48	.03	Partly Cloudy	43	Highest..... 86°; date 25; lowest..... 27°; date 10	Greatest daily range ..... 32°; ..... date 25
4	63	40	52	T.	Cloudy	62	Least daily range ..... 7°; ..... date 13	Mean highest ..... 50.3°; lowest.....40.6°
5	54	39	46	.34	Cloudy	43	MEAN FOR THIS MONTH IN	
6	45	32	39	T.	Cloudy	48	1905-48° 1906-48° 1907-43° 1908-48° 1909-47° 1910-52° 1911-46° 1912-47°	1913-50°
7	45	32	38	T.	Cloudy	32	Mean for this month.....	50.0°
8	46	30	38	.00	Clear	100	Normal for this month .....	46.7°
9	44	29	36	.00	Clear	100	Absolute maximum for this month for 9 years.....	86°
10	54	27	40	.00	Partly Cloudy	74	Absolute minimum for this month for 9 years .....	21°
11	48	38	43	1.29	Cloudy	0	Average daily excess of this month as compared with the normal.....	3.3°
12	62	43	52	.48	Cloudy	15	Accumulated excess (+) since January 1 .....	634.0°
13	54	47	50	.36	Cloudy	0	Average daily excess (+) since January 1 .....	5.3°
14	61	46	54	.00	Cloudy	26	PRECIPITATION.	
15	57	45	51	.00	Cloudy	28	Total this month .....	4.62
16	50	41	46	1.10	Cloudy	0	Greatest precipitation in 24 hours 1.52, date.....	11-12
17	63	42	52	.00	Clear	100	Normal for this month .....	3.57
18	62	37	50	T.	Partly Cloudy	65	Excess (+) of this month as compared with the normal....	1.05
19	68	38	53	.01	Partly Cloudy	64	Accumulated deficiency (-) since January 1 .....	0.64
20	45	30	38	.00	Cloudy	74	TOTAL PRECIPITATION THIS MONTH IN	
21	56	34	45	.00	Clear	100	1905-2.57 1906-3.58 1907-3.24 1908-2.36 1909-7.21 1910-3.15	1911-3.18 1912-3.83 1913-4.62
22	70	42	56	T.	Partly Cloudy	65	WIND.	
23	76	53	64	T.	Cloudy	43	Prevailing direction.....	N.W.
24	78	52	65	.00	Clear	77	Total movement .....	6,156 miles
25	86	54	70	T.	Partly Cloudy	58	Average hourly velocity .....	8.6
26	74	50	62	.00	Clear	100	Maximum velocity (in five minutes) 37 miles per hour,	from N.W. on 2d.
27	72	49	60	T.	Cloudy	70	WEATHER.	
28	63	49	56	.95	Cloudy	22	Number of days, clear.....	8
29	66	45	56	.05	Cloudy	37	Partly cloudy.....	7
30	59	41	50	.01	Clear	100	Cloudy.....	15
Mean	59	41	50	4.62		56	On which .01 inch, or more, occurred.....	10
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar .....	0
							Halos, lunar.....	0
							Thunderstorms .....	5, 19, 25
							Dense fog.....	0
							Total snowfall for the month.....	trace

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 65 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF MAY, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of May, 1913, and a Statement of the Births and Marriages for the Month of April, 1913.

Total Estimated population of the State is 1,156,045.

TOWNS.		Estimated Population.	Living Births in April.	Still Births in April.	Marriages in April.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Consumption in State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia.	15,646	36	.....	3	16	14.5	1	1	10.5	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Branford.	6,115	16	.....	3	10	19.6	.....	2	20.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport.	108,265	282	12	100	117	12.5	14	9	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bristol.	14,273	21	6	12	12	10.0	4	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury.	24,307	25	9	38	18.2	3	.....	.....	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Derby.	9,293	26	1	18	15.6	5	.....	.....	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford.	8,484	9	.....	7	7	9.9	3	.....	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Enfield.	10,323	26	2	24	18.5	3	.....	.....	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield.	6,463	12	1	3	6	11.1	.....	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich.	17,321	34	1	26	19	12.4	1	.....	5.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton.	6,601	14	.....	6	6	10.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hamden.	6,004	.....	4	.....	4	7.8	.....	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford.	102,728	237	9	122	156	13.7	30	18	30.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Huntington.	6,739	10	1	8	13	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingly.	6,510	10	.....	12	10	18.4	3	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester.	14,249	16	1	13	13	10.9	1	.....	7.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Meriden.	32,740	74	1	22	48	13.9	1	.....	6.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown.	21,401	32	.....	8	35	10.0	2	.....	8.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck.	13,158	17	.....	16	7	6.4	1	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain.	47,058	128	7	36	53	13.2	17	5	41.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Haven.	138,720	329	16	159	204	16.5	34	21	26.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London.	20,081	39	3	34	27	14.3	11	.....	40.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford.	5,051	5	.....	2	6	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk.	25,066	32	.....	18	35	15.7	5	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Orange.	28,935	36	.....	22	42	12.8	8	.....	23.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield.	12,127	17	.....	8	11	10.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth.	7,068	11	.....	7	4	6.7	1	.....	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Putnam.	5,459	11	1	3	6	13.1	.....	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Seymour.	7,267	11	.....	28	12	13.2	2	.....	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford.	5,035	14	.....	2	4	9.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington.	6,641	26	1	3	3	5.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford.	5,420	9	.....	2	6	13.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stonington.	30,835	75	3	37	33	12.4	6	.....	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stratford.	9,276	18	3	6	8	10.3	.....	.....	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington.	6,123	10	.....	3	6	11.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon.	17,717	36	2	22	23	15.5	10	.....	47.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallington.	9,207	12	.....	6	12	15.6	2	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury.	11,585	27	2	8	11	9.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
West Hartford.	77,541	158	5	56	80	12.3	17	.....	36.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester.	5,132	3	.....	1	5	11.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham.	8,862	15	2	4	12	14.8	1	.....	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	13,097	14	2	11	13	9.1	.....	.....	7.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 42 above towns, .....	933,953	1946	79	888	1173	15.0	188	89	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
126 towns of less than 5,000 inhabitants, .....	222,092	332	15	131	252	13.1	21	12	13.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 168 towns, .....	1,156,045	2278	94	1019	1425	14.7	209	101	21.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 5; in Derby, 5; in Greenwich, 4; in Hartford, 71; in Huntington, 6; in Meriden, 10; in Middletown, 19; in New Britain, 6; in New Haven, 64; in New London, 7; in Norwalk, 6; in Norwich, 17; in Putnam, 6; in Stamford, 1; in Wallingford, 2; in Waterbury, 19; in Winchester, 2; and in Windham, 4. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in May: Andover, Avon, Barkhamsted, Canterbury, Clinton, Colebrook, Columbia, Eastford, East Granby, Easton, Frankfort, Goshen, Hampton, Ledyard, Marlborough, Middlebury, New Fairfield, Norfolk, Old Lyme, Old Saybrook, Prospect, Rocky Hill, Roxbury, Salem, Somers, Southbury, Sprague, Sterling, Tolland, Union, Warren, Weston, Wilton, Woodbridge. — Total, 35.

\* Includes deaths in State Sanatorium.

# REMARKS.

By mortality reports received there were 1,425 deaths during the month of May. This was 78 less than in April and 19 more than in May of last year, and 67 less than the average number of deaths during May for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,498	1,366	1,557
February,	*1,547	1,552	1,556	1,421	1,313	1,515
March,	*1,703	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,864	4,821	5,008	4,551	4,251	4,528
April,	*1,503	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204

The death rate was 15.0 for the large towns, for the small towns 13.1, and for the whole State 14.7.

The deaths reported from infectious diseases were 191, being 13.4 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Measles.**—Ansonia, 3; Avon, 2; Berlin, 3; Bridgeport, 5; Bristol, 12; Brooklyn, 24; Burlington, 9; Canaan, 5; Canterbury, 1; Cheshire, 8; Clinton, 47; Cornwall, 10; Coventry, 14; Danbury (city), 15; Danielson (borough), 12, "epidemic"; Derby, 1; East Haddam, 9; East Lyme, 1; Enfield, 4; Essex, 8; Fairfield, 2; Farmington, 99; Franklin, 5; Greenwich, 8; Groton (borough), 25; Guilford, 3; Haddam, 1; Hamden, 22; Hartford, 105; Jewett City (borough), 5; Kent, 1; Killingworth, 1; Lisbon, 3; Litchfield, 2; Lyme, 6; Madison, 13; Meriden (city), 1; Middletown (city), 4; Milford, 3; Montville, 2; New Britain, 5; New Canaan, 1; New Hartford, "general epidemic"; New Haven, 43; New London, 17; Norfolk, 2; North Canaan, 41; North Haven, 1; Norwalk (city), 5; North Stonington, 6; Norwich (city), 4; Norwich (town), 5; Old Lyme, 6; Orange, 7; Oxford, 8; Plainfield, 2; Plymouth, 75, "epidemic"; Pomfret, 36; Portland, 9+; Prospect, 4; Putnam, 12; Rocky Hill, 2; Seymour, 2; Southington, 2; Sprague, 3; Stamford (city), 5; Sterling, 2; Suffield, 26; Voluntown, 13; Waterbury, 102; Waterford, 2; Watertown, 16; Westbrook, 1; West Hartford, 2; Weston, 3; Westport, 10; Winchester, 3; Winsted (borough), 30; Wolcott, 4; Woodbridge, 25+; Woodstock, 15.—Total, 1029+ in 81 towns.

**Scarlet Fever.**—Ansonia, 6; Bridgeport, 51; Brookfield, 1; Canterbury, 1; Colebrook, 3; Danbury (city), 1; Darien, 1; Derby, 2; East Hartford, 1; East Haven, 2; Enfield, 4; Fairfield, 2; Farmington, 1; Hamden, 3; Hartford, 29; Harwinton, 2; Jewett City (borough), 2; Litchfield, 3; Manchester, 4; Middlebury, 2; Middletown (city), 1; Middletown (town), 3; Milford, 6; Naugatuck, 5; New Britain, 28; New Haven, 22; New London, 3; Norwalk, 4; Norwich (city), 4; Orange, 1; Plainfield, 1; Putnam, 5; Seymour, 2; Shelton (borough), 2; South Norwalk (city), 2; Stamford (city), 1; Stratford, 1; Suffield, 1; Torrington, 3; Trumbull, 1; Wallingford, 1; Waterbury, 8; West Hartford, 2; Windsor Locks, 1; Woodstock, 21.—Total, 231 in 45 towns.

**Cerebro Spinal Fever.**—Fairfield, 1; New Haven, 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 9; Avon, 1; Berlin, 1; Bridgeport, 14; Bristol, 1; Canton, 3; Cromwell, 2; Danbury (city), 11; Danbury (town), 2; Enfield, 4; Glastonbury, 3; Granby, 1; Greenwich, 1; Guilford, 5; Hartford, 40; Hebron, 1; Middletown (city), 5; Naugatuck, 7; New Britain, 10; New Canaan, 4; New Haven, 35; New Milford, 1; North Haven, 1; Norwalk (city), 1; Norwich (city), 2; Putnam, 1; Rockville (city), 5; Stamford (city), 3; Stratford, 1; Torrington, 2; Wallingford, 2; Waterbury, 7; Willimantic (city), 3; Windham, 1; Windsor Locks, 1.—Total, 201 in 35 towns.

**Whooping Cough.**—Avon "epidemic"; Berlin, 2; Branford, "a few cases"; Bridgeport, 5; Canton, 1; Chatham, 1; Colchester (borough), "present"; Granby, 17; Greenwich, 1; Griswold, 3; Hamden, 1; Hartford, 16; Madison, 2; Middletown (city), 3; Milford, 1; New Haven, 34; New London, 8; Rockville (city), 4; South Norwalk (city), 3; Stamford (city), 3; Suffield, 7; Waterbury, 6; Waterford, 2.—Total, 120+ in 23 towns.

**Typhoid Fever.**—Ansonia, 2; Bridgeport, 2; Danbury, 1; Durham, 1; Greenwich, 2; Hartford, 2; Huntington, 1; Middlebury, 1; New Haven, 8; Newington, 1; North Branford, 1; Norwalk (city), 1; Norwich (city), 1; Stamford (city), 2; Stratford, 2; Waterbury, 17.—Total, 45 in 16 towns.

**Consumption.**—Ansonia, 3; Bethlehem, 1; Bridgeport, 20; Bristol, 2; Cromwell, 1; Danielson (borough), 2; Derby, 1; Goshen, 1; Hartford, 16; Meriden (city), 9; Meriden (town), 1; Montville, 3; Naugatuck, 2; New Britain, 3; New Haven, 39; New Milford, 1; North Haven, 1; Norwalk (city), 1; Norwalk (town), 2; Norwich (city), 2; Norwich (town), 2; Old Lyme, 1; Plainville, 1; Preston, 2; Rockville (city), 1; Roxbury, 1; Scotland, 1; Simsbury, 2; South Norwalk (city), 2; Stamford, 1; Stamford (city), 1; Stamford (town), 1; Stratford, 1; Torrington, 1;

Wallingford, 1; Waterbury, 16; Westport, 2+; Willimantic (city), 2; Woodbury, 2.—Total, 152 in 39 towns.

In addition to the above the Health Officers of 49 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Windham, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

FAIRFIELD Co.—Newtown.  
MIDDLESEX Co.—Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Measles.**—Griswold, 1; Pomfret, 1.—Total, 2.

**Scarlet Fever.**—Farmington, 1.

**LaGrippe.**—Chaplin, 1; Essex, 1.—Total, 2.

**Diphtheria and Croup.**—Glastonbury, 1.

**Whooping Cough.**—Trumbull, 1.

**Consumption.**—Berlin, 1; Coventry, 1; Farmington, 1; Litchfield, 1; Newtown, 1; Plainville, 1; Salisbury, 1; South Windsor, 1; Westport, 1; Wethersfield, 1; Woodstock, 1.—Total, 11.

Report of specimens examined at the Laboratory of the State Board of Health during the month of May:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis	32	64	0	96
release	60	62	2	124
School Cases	10	316	0	326
Typhoid Fever	27	36	1	64
Tuberculosis	30	129	0	159
Malaria	2	8	0	10
Glanders	13	21	2	36
Rabies	0	3	0	3
Pneumococcus	1	0	0	1
Total specimens examined				819
Samples of milk analyzed				393
" " water examined				33
Sewage and effluents examined				6
Samples of oil examined				4

## PUBLIC HEALTH LEGISLATION 1913.

The General Assembly which adjourned June 4 passed some excellent public health laws and improved by amendment some of the older ones. First among these is the amendment to the law concerning tenement houses, extending its provisions to include towns and charging the town health officer with the duties assigned by the act to the building inspectors of cities.

Among other laws may be mentioned: An Act concerning the bottling and sale of drinking water, requiring all persons engaging in the business to take out a license from the state board of health, which board must analyze the water and inspect the premises where bottling is done. An Act concerning the control of mosquito breeding places declaring any pool or receptacle near human habitations containing water breeding mosquitoes a nuisance detrimental to the public health and making the nuisance abatable by the health officer. An Act concerning the keeping of food products in cold storage was passed in somewhat mutilated form and places the matter in charge of the state board of health, who are authorized to make rules and regulations governing the same.

A new midwifery law providing for a single examining board instead of three boards as formerly, and a law governing the sale of narcotic drugs, were also passed.

The marriage law was amended so that hereafter when both contracting parties are non-residents of the town where license is applied for, the registrar cannot issue the license until five days after the application. This is a good law and will limit the marriage traffic now going on with our neighboring states, which already have such a law. These acts will go into effect August 1st.

The bills designed to prevent the pollution of streams and tidal waters of the state again failed of passage, except in so far as to authorize this board to investigate and report to the next legislature. This is to be regretted and I can only say, as I did two years ago, that this is the most urgent sanitary question in the state to-day.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, JUNE 16, 1913.

\*One delayed certificate for February, seven for March and ten for April have been received since the publication of the last Bulletin.

†Sanatorium.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., MAY, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	74	42	58	T.	Clear	85	30.00	30.40; date 4
2	88	50	69	.00	Clear	92	29.58	date 29
3	90	61	76	.00	Clear	82		
4	74	55	64	.00	Clear	76		
5	72	55	64	.00	Partly Cloudy	40		
6	86	52	69	.11	Cloudy	50		
7	70	52	61	.00	Cloudy	31		
8	66	44	55	.00	Clear	87		
9	62	47	54	0.02	Cloudy	2		
10	49	36	42	.00	Partly Cloudy	73		
11	55	34	44	.00	Partly Cloudy	71		
12	63	41	52	.00	Clear	100		
13	66	45	56	T.	Cloudy	32		
14	68	50	59	.00	Partly Cloudy	94		
15	62	41	52	0.04	Cloudy	54		
16	52	45	48	.21	Cloudy	0		
17	55	43	49	T.	Cloudy	0		
18	66	47	56	.04	Cloudy	23		
19	63	50	56	.01	Clear	99		
20	67	45	56	.00	Partly Cloudy	82		
21	69	45	57	T.	Cloudy	43		
22	61	50	56	.46	Cloudy	0		
23	66	58	62	1.50	Cloudy	1		
24	66	56	61	.69	Cloudy	11		
25	73	53	63	T.	Partly Cloudy	79		
26	68	47	58	.00	Partly Cloudy	83		
27	60	50	55	.03	Cloudy	0		
28	54	49	52	.88	Cloudy	0		
29	66	50	58	T.	Partly Cloudy	75		
30	74	50	62	.00	Clear	91		
31	76	51	64	.00	Partly Cloudy	69		
Mean	67	48	58	3.99		52		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	30.00; highest 30.40; date 4
Lowest	29.58; date 29

TEMPERATURE.	
Highest	90°; date 3; lowest 34°; date 11
Greatest daily range	38°; date 2
Least daily range	5°; date 28
Mean highest	67.1°; lowest 48.2°

MEAN FOR THIS MONTH IN	
1905-59° 1906-59° 1907-53° 1908-61° 1909-58° 1910-58° 1911-63° 1912-60° 1913-58°	
Mean for this month	57.6°
Normal for this month	57.5°
Absolute maximum for this month for 9 years	93°
Absolute minimum for this month for 9 years	32°
Average daily excess of this month as compared with the normal	0.1°
Accumulated excess (+) since January 1	637.1°
Average daily excess (+) since January 1	4.2°

PRECIPITATION.	
Total this month	3.99
Greatest precipitation in 24 hours 1.86, date	23-24
Normal for this month	3.54
Excess (+) of this month as compared with the normal	0.45
Accumulated deficiency (-) since January 1	0.19

TOTAL PRECIPITATION THIS MONTH IN	
1905-1.25 1906-4.60 1907-3.35 1908-6.52 1909-1.99 1910-2.49 1911-1.22 1912-4.59 1913-3.99	

WIND.	
Prevailing direction	N.W.
Total movement	5,218 miles
Average hourly velocity	7.0
Maximum velocity (in five minutes) 30 miles per hour, from N.W. on 29th.	

WEATHER.	
Number of days, clear	8
Partly cloudy	9
Cloudy	14
On which .01 inch, or more, occurred	11

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	0
Halos, lunar	0
Thunderstorms	6, 22
Dense fog	6
Frost: heavy, 11; killing	none

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 62 p. c.

WEATHER BUREAU.



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J. H. TOWNSEND, M.D., SECRETARY

# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JUNE, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of June, 1913, and a Statement of the Births and Marriages for the Month of May, 1913.

\* Total Estimated population of the State is 1,156,045.

TOWNS.	Estimated Population.	Living Births in May.	Still Births in May.	Marriages in May.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Puerperal Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Septicæmia.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Ansonia.....	15,416	41	1	17	13	6.9	5	1	49.1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Branford.....	6,115	7	2	2	4	7.8	2	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Bridgeport.....	108,265	266	10	119	134	14.4	45	13	43.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Bristol.....	14,273	28	3	9	10	8.4	2	1	30.0	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Danbury.....	24,397	26	1	7	25	10.3	4	1	12.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Derby.....	8,203	26	1	8	14	13.0	4	1	35.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
East Hartford.....	8,483	15	3	8	14	13.0	4	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Eastford.....	10,323	11	1	26	9	10.4	1	1	22.2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Fairfield.....	6,453	9	2	8	14	8.2	2	2	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Greenwich.....	17,331	26	1	30	17	11.0	2	2	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Groton.....	6,064	13	1	4	2	3.6	.....	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Hamden.....	6,094	11	1	8	15	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Hartford.....	102,728	209	11	131	174	15.0	25	14	22.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

# REMARKS.

By mortality reports received there were 1,400 deaths during the month of June. This was 25 less than in May and 190 more than in June of last year, and 197 more than the average number of deaths during June for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,498	1,366	1,557
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Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
April,	*1,506	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	1,400	1,210	1,175	1,266	1,216	1,145
	4,331	4,041	4,289	4,192	4,047	3,680

The death rate was 14.9 for the large towns, for the small towns 12.8, and for the whole State 14.5.

The deaths reported from infectious diseases were 173, being 12.3 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:  
Small Pox.—Hartford, 1.

Measles.—Avon, 2; Bethel, 3; Bridgeport, 15; Bristol, 4; Brooklyn, 30+, "epidemic"; Canaan, 3; Cheshire, 1; Clinton, 20; Colchester (borough), 1; Eastford, 7; Enfield, 2; Fairfield, 16; Farmington, 22; Greenwich, 2; Griswold, 6; Groton (town), 5; Groton (borough), 11; Guilford, 1; Hamden, 21; Hartford, 75; Jewett City (borough), 25; Killingworth, 8; Lyme, 4; Madison, 17; Manchester, 3; Meriden (city), 2; Middletown (city), 2; Milford, 1; Naugatuck, 4; New Britain, 31; New Hartford, 10; New Haven, 42; New London, 7; Newtown, 21; Norfolk, 1; North Canaan, 7; North Haven, 9, "epidemic"; North Stonington, 1; Norwalk (city), 10; Norwalk (town), 6; Norwich (city), 5; Norwich (town), 1; Old Saybrook, 1; Orange, 5; Oxford, 1; Plainfield, 11+; Plainville, 1; Plymouth, 7; Pomfret, 3; Putnam, 6; Ridgefield, 11; Roxbury, 1; Seymour, 46; Southbury, 1; Stamford (city), 6; Suffield, 4; Thomaston, 1; Thompson, 2; Vernon, 1; Voluntown, 6; Wallingford, 3; Waterbury, 50; Watertown, 3; West Hartford, 2; Westport, 2; Westport, 7; Willimantic (city), 3; Wilton, 1; Windsor Locks, "several"; Winsted (borough), 20; Woodbridge, 2; Woodbury, 2; Woodstock, 20+.—Total, 693+ in 75 towns.

Scarlet Fever.—Ansonia, 6; Bridgeport, 30; Danbury (city), 1; Darien, 2; East Hartford, 2; Enfield, 2; Glastonbury, 5; Greenwich, 2; Hartford, 23; Jewett City (borough), 4; Lisbon, 1; Manchester, 4; Meriden (city), 1; Meriden (town), 1; Middletown (city), 6; Middletown (town), 3; Naugatuck, 8; New Britain, 26; New Haven, 15; New London, 3; Newtown, 8; Norwalk (city), 4; Norwalk (town), 2; Norwich (city), 23; Orange, 1; Putnam, 2; Shelton (borough), 2; South Norwalk (city), 1; Stamford (city), 5; Stamford (town), 1; Stratford, 2; Suffield, 4; Torrington, 2; Waterbury, 2; West Hartford, 2; Wethersfield, 1; Willimantic (city), 3; Windham, 1; Windsor, 2.—Total, 203 in 39 towns.

Infantile Paralysis.—Greenwich, 1.

Cerebro Spinal Fever.—East Hartford, 1; Fairfield, 1; Middletown, 1.

Diphtheria and Croup.—Andover, 3; Ansonia, 7; Avon, 1; Bridgeport, 11; Bristol, 1; Canton, 3; Cromwell, 1; Danbury (city), 10; Danbury (town), 2; Darien, 1; Derby, 1; Enfield, 1; Glastonbury, 4; Greenwich, 2; Guilford, 1; Hartford, 38; Manchester, 1; Meriden (city), 2; Middletown (city), 1; Naugatuck, 6; New Britain, 2; New Haven, 17; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 3; Plymouth, 1; Rockville (city), 2; Seymour, 1; Stamford (city), 1; Torrington, 5; Wallingford, 2; Waterbury, 18; Westport, 1; Windham, 1; Windsor Locks, 1.—Total, 156 in 35 towns.

Whooping Cough.—Branford, 15+; Bridgeport, 8; Canton, 1; Cheshire, 3; Chester, 3+; Granby, 15; Greenwich, 4; Hartford, 13; Middletown (city), 2; Middletown (town), 1; New Haven, 16; Plainfield, 1; Plymouth, 2; Putnam, 3; Roxbury, 5; Seymour, 1; Simsbury, 10+; Stamford (city), 2; Suffield, 5; Waterbury, 2; Westport, 1.—Total, 113+ in 21 towns.

Typhoid Fever.—Ansonia, 4; Bridgeport, 1; Bristol, 1; Brookfield, 1; Danbury (city), 1; Groton (town), 1; Groton (borough), 1; Hamden, 1; Hartford, 4; Ledyard, 1; Manchester, 1; Naugatuck, 1; New Haven, 11; Plainfield, 1; Ridgefield, 1; Stonington, 1; Waterbury, 4; Willimantic (city), 5.—Total, 41 in 18 towns.

Consumption.—Ansonia, 3; Berlin, 1; Bridgeport, 9; Brookfield, 3; Colchester, 1; Cromwell, 1; Danbury (town), 1; East Windsor, 1; Franklin, 1; Groton, 1; Guilford, 2; Hamden, 1; Hartford, 15; Ledyard, 1; Manchester, 3; Mansfield, 1; Meriden (city), 4; Meriden (town), 2; Middletown (city), 3; Middletown (town), \*6; Monroe, 1; Naugatuck, 3,

New Britain, 5; New Haven, 38; New London, 5; New Milford, 1; North Haven, 1; Norwalk (city), 2; Norwalk (town), 2; Norwich (city), 2; Norwich (town), 4; Oxford, 1; Plainfield, 1; Plainville, 1; Plymouth, 1; Pomfret, 1; Putnam, 1; Rockville (city), 1; Rocky Hill, 1; Seymour, 1; Simsbury, 1; Southington, 1; South Norwalk (city), 1; Stamford (city), 4; Stratford, 2; Thomaston, 1; Torrington, 1; Waterbury, 12; Waterford, 1; Wilton, 1; Wolcott, 1; Woodbury, 1.—Total, 160 in 52 towns.

In addition to the above the Health Officers of 65 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Windham and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

FAIRFIELD Co.—New Canaan.  
LITCHFIELD Co.—Bridgewater, Litchfield.  
MIDDLESEX Co.—Middletown.

Report of specimens examined at the Laboratory of the State Board of Health during the month of June:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	7	42	0	49
release .....	22	22	2	46
School Cases .....	8	16	0	24
Typhoid Fever .....	18	51	0	69
Tuberculosis .....	37	100	0	137
Malaria .....	2	3	0	5
Glanders .....	8	24	0	32
Rabies .....	1	3	0	4
Pneumococcus .....	1	1	0	2
Total specimens examined .....				368
Samples of milk analyzed .....				407
"    " water examined .....				49
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## SOME SUGGESTIONS TO SUMMER TOURISTS REGARDING THE PREVENTION OF TYPHOID INFECTION.

Typhoid fever is a disease common in the summer and fall. Every autumn a number of cases occur in the cities which on investigation are found to have been imported from the country by persons returning from their summer vacation. Much of the danger from this source may be avoided, if reasonable care is exercised in choosing a place to spend the summer.

Typhoid fever is a disease of man and is contracted by taking into the mouth in some form the discharges from some previous case. There is no other way. The germs are carried from sick to well in water and food, by flies and the fingers. Therefore, in the choice of a place to spend the summer, one should inquire into the presence of typhoid fever in the community and should determine the opportunity for conveying the germs of the disease from the sick to the well visitor.

Since the germ of typhoid fever is carried in the discharges of the sick, a careful inspection should be made of the facilities for disposing of human excrement. A place which has a surface privy to which flies and domestic animals have free access should not be chosen. Places with a privy vault or cesspool situated only a short distance from a well should be avoided. Places which take their water from streams which receive drainage from outhouses or from buildings should likewise be regarded with suspicion. Unscreened toilets, because of flies which they breed and the chances they have of picking up germs and carrying them to the boarders' food, are particularly dangerous. It is equally important, both for the comfort and health of the guests, that the house also be screened.

The source of the milk supply should also be investigated and, as is too frequently the case, it is found to come from dirty, fly-infested stables, in which dirty cows are milked by dirty hands, it is best to give it a wide berth. Bathing at all beaches which have sewers emptying in their immediate vicinity should be strictly avoided. In the majority of cases it is probable that the system must be slightly below par in order that the disease may be contracted; therefore all indigestible food, green fruits, etc., which may set up indigestion or diarrhoea and so render the system more susceptible to infection should not be eaten. In addition the elementary rules of cleanliness and hygiene, both as to person and house, should be most strictly observed. Persons going to unfamiliar localities where they may be subjected to the danger of typhoid infection should protect themselves by antityphoid vaccination. This in healthy persons is a harmless procedure and confers almost absolute immunity against infection. The duration of the immunity is as yet undetermined, but it is surely two and one-half years and probably longer.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and

Superintendent of the Registration of Vital Statistics,

HARTFORD, July 15, 1913.

\* One delayed certificate for March and three for April have been received since the publication of the last Bulletin.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JUNE, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	79	52	66	.00	Clear	87	Mean	Lowest
2	75	58	66	.08	Partly Cloudy	81	30.00; highest	30.45; date 10
3	76	52	64	.00	Clear	88	29.75; date 16	
4	80	62	71	T.	Cloudy	50		
5	78	53	66	.00	Clear	89		
6	74	52	63	.00	Partly Cloudy	52		
7	85	56	70	1.54	Cloudy	32		
8	65	50	58	.00	Clear	86		
9	61	46	54	.00	Partly Cloudy	79		
10	71	42	56	.00	Clear	100		
11	78	49	64	.00	Clear	100		
12	83	55	69	.00	Clear	86		
13	76	50	63	.00	Clear	88		
14	86	57	72	.00	Clear	100		
15	79	57	68	.00	Clear	89		
16	90	63	76	.00	Clear	72		
17	83	62	72	.00	Partly Cloudy	79		
18	75	55	65	.00	Partly Cloudy	86		
19	74	54	64	.01	Cloudy	42		
20	72	60	66	.25	Cloudy	0		
21	85	66	76	.12	Cloudy	45		
22	81	62	72	.00	Clear	88		
23	82	58	70	.00	Partly Cloudy	74		
24	83	59	71	.00	Clear	86		
25	82	59	70	T.	Partly Cloudy	55		
26	71	57	64	T.	Cloudy	19		
27	87	64	76	.05	Cloudy	40		
28	86	65	76	.02	Partly Cloudy	68		
29	85	56	70	.00	Clear	91		
30	86	60	73	.00	Partly Cloudy	84		
Mean	79	56	68	2.07		71		

ATMOSPHERIC PRESSURE.	
(Reduced to sea level; inches and hundredths.)	
Mean	Lowest
30.00; highest	30.45; date 10
29.75; date 16	

TEMPERATURE.	
Highest	Lowest
90°; date 16; lowest	42°; date 10
Greatest daily range	29°; date 11
Least daily range	12°; date 20
Mean highest	78.9°; lowest
	56.4°

MEAN FOR THIS MONTH IN	
1905-66°	1906-65°
1907-65°	1908-70°
1909-68°	1910-66°
1911-67°	1912-67°
1913-68°	

Mean for this month	67.6°
Normal for this month	67.1°
Absolute maximum for this month for 9 years	92°
Absolute minimum for this month for 9 years	40°
Average daily excess of this month as compared with the normal	0.5°
Accumulated excess (+) since January 1	652.1°
Average daily excess (+) since January 1	3.6°

PRECIPITATION.	
Total this month	2.07
Greatest precipitation in 24 hours	1.54, date
Normal for this month	3.08
Deficiency (-) of this month as compared with the normal	1.01
Accumulated deficiency (-) since January 1	1.20

TOTAL PRECIPITATION THIS MONTH IN	
1905-4.85	1906-2.19
1907-3.44	1908-2.42
1909-2.23	1910-4.16
1911-2.55	1912-0.66
1913-2.07	

WIND.	
Prevailing direction	South
Total movement	5,517 miles
Average hourly velocity	7.7
Maximum velocity (in five minutes)	37 miles per hour,
	from S. W. on 7th.

WEATHER.	
Number of days, clear	14
Partly cloudy	9
Cloudy	7
On which .01 inch, or more, occurred	7

MISCELLANEOUS PHENOMENA (dates of).	
Halos, solar	18
Halos, lunar	none
Thunderstorms	4, 7, 20, 27
Hail	7
Frost: light, 10; killing	none

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 64 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF JULY, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of July, 1913, and a Statement of the Births and Marriages for the Month of June, 1913.

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in June.	Still Births in June.	Marriages in June.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Consumption in State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	15,663	34	.....	22	21	15.8	9	4	61.9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	0	2	.....	.....	.....	.....	.....	2	.....	8
Branford, .....	6,149	13	.....	9	4	7.8	2	.....	50.0	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	35	1	9	.....	.....	.....	.....	3	14	73
Bridgeport, .....	111,371	266	7	171	150	15.0	11	17	45.3	1	2	.....	.....	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	2	5
Bristol, .....	14,059	28	.....	15	12	9.8	4	41.6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
Danbury, .....	24,710	41	4	25	32	14.0	3	12.5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby, .....	9,309	26	.....	18	9	9.0	2	33.3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford, .....	8,657	14	.....	12	16	13.8	4	40.0	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield, .....	10,625	42	2	37	18	20.3	1	11.1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield, .....	6,627	9	.....	8	14	4	.....	37.5	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich, .....	17,750	22	1	38	20	12.1	5	25.0	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton, .....	6,654	11	.....	10	4	7.2	1	25.0	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Harden, .....	6,217	16	.....	9	7	13.5	3	42.8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	104,034	273	5	185	151	13.0	32	9	27.1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington, .....	6,836	17	1	7	17	19.3	6	35.2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly, .....	6,453	7	.....	18	8	14.8	.....	2	25.0	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, .....	14,553	22	1	16	12	9.8	2	25.0	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden, .....	33,077	60	2	84	47	14.5	5	3	17.0	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, .....	21,727	41	.....	26	48	14.5	.....	2	20.8	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck, .....	13,376	17	1	21	16	14.3	8	1	56.2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	48,630	151	3	80	63	15.5	29	3	50.7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven, .....	141,278	307	13	214	183	14.3	35	15	27.3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London, .....	20,292	38	1	56	24	13.0	1	3	16.6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford, .....	5,071	5	1	3	4	9.4	1	25.0	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk, .....	25,494	43	.....	27	26	12.2	5	3	30.7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich, .....	29,293	55	.....	45	38	11.4	8	2	26.3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	12,555	25	1	13	13	12.4	2	15.3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, .....	7,288	21	1	12	6	9.8	2	33.3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth, .....	5,678	15	.....	5	11	23.2	4	.....	36.3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam, .....	7,260	15	.....	44	7	8.2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour, .....	5,159	7	.....	8	6	13.9	2	.....	33.3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton, .....	6,703	11	.....	9	8	14.3	3	.....	37.5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	5,513	10	.....	9	4	8.7	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford, .....	31,835	69	7	71	34	12.4	5	2	20.5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington, .....	9,338	17	.....	19	9	11.5	1	22.2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	6,328	10	7	6	11.3	.....	2	1	16.6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington, .....	18,156	28	.....	19	11	7.2	1	27.2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon, .....	9,268	17	1	22	9	11.6	3	33.3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford, .....	11,801	22	.....	9	6	6.1	2	.....	33.3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury, .....	79,741	177	7	80	139	17.6	58	18	54.6	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford, .....	5,204	5	.....	4	3	6.8	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester, .....	8,953	11	1	12	15	17.4	1	.....	6.6	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham, .....	13,344	35	.....	14	14	11.8	1	1	14.2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns, .....	953,579	2054	50	1519	1233	15.5	314	93	33.0	.....	5	6	1	2	12	7	3	14	.....	200	10	70	18	55	9	115	109	94	503
126 towns of less than 5,000 inhabitants, .....	223,042	316	11	202	254	13.6	28	15	16.9	.....	1	.....	1	.....	1	2	.....	.....	.....	15	2	14	7	9	2	25	34	32	106
Total reported from 168 towns, .....	1,176,621	2370	61	1721	1487	15.1	342	108	30.2	.....	6	6	2	2	13	8	5	16	.....	215	12	84	25	64	11	140	143	126	609
Population of towns not reporting, .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 11; in Derby, 4; in Greenwich, 6; in Hartford, 89; in Huntington, 7; in Meriden, 11; in Middletown, 28; in New Britain, 8; in New Haven, 62; in New London, 4; in Norwalk, 1; in Norwich, 15; in Putnam, 2; in Stamford, 5; in Waterbury, 31; in Winchester, 4; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in July: Ashford, Beacon Falls, Bethany, Bethelchem, Bolton, Bozrah, Bridgegewater, Brookfield, Columbia, Durham, East Granby, Easton, Franklin, Goshen, Hampton, Hartland, Hebron, Killingworth, Lebanon, Ledyard, Lisbon, Lyme, Marlborough, Middlebury, Morris, Norfolk, Prospect, Rocky Hill, Roxbury, Salem, Scotland, Sherman, Southbury, Tolland, Union, Warren, Waterbury, Weston, Woodbridge, Woodbury.—Total, 40.

\* Includes deaths in Sanatorium.

# REMARKS.

By mortality reports received there were 1,487 deaths during the month of July. This was 80 more than in June and 30 more than in July of last year, and 60 less than the average number of deaths during July for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,498	1,366	1,557
February,	1,547	1,552	1,556	1,421	1,313	1,515
March,	1,704	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
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May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	*1,407	1,210	1,175	1,266	1,216	1,146
Total second quarter,	4,338	4,041	4,289	4,192	4,047	3,680
July,	1,487	1,457	1,635	1,735	1,412	1,496

The death rate was 15.5 for the large towns, for the small towns 13.6, and for the whole State 15.1.

The deaths reported from infectious diseases were 162, being 10.8 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Durham, 1.

**Measles.**—Ansonia, 3; Avon, 2; Bethel, 12; Branford, 3; Bridgeport, 14; Canaan, 3; Clinton, 3; Colchester (borough), 4; Columbia, 2; Cornwall, 1; East Lyme, 1; Fairfield, 27; Farmington, 1; Greenwich, 2; Griswold, 10; Hamden, 3; Hampton, 1; Hartford, 9; Jewett City (borough), 15; Litchfield, 1; Manchester, 1; Mansfield, 2; Milford, 5; Naugatuck, 1; New Britain, 3; New Haven, 24; New London, 2; New Milford, 3; North Canaan, 2; North Haven, 6; North Stonington, 3; Norwich (city), 2; Norwich (town), 1; Plainfield, 3; Putnam, 3; Ridgefield, 3; Seymour, 7; Stafford, 2; Stamford (city), 2; Stamford (town), 1; Trumbull, 1; Voluntown, 15; Waterbury, 19; West Hartford, 5; Westport, 2; Willimantic (city), 2; Wilton, 14; Windsor, 1; Woodstock, 5.—Total, 257 in 49 towns.

**Scarlet Fever.**—Berlin, 1; Bridgeport, 22; Cheshire, 1; Darien, 2; Eastford, 1; Fairfield, 3; Greenwich, 2; Hartford, 10; Manchester, 1; Milford, 1; Naugatuck, 4; New Haven, 12; New London, 1; Norwalk, 1; Norwich (city), 3; Oxford, 1; Plainfield, 2; Putnam, 1; Southington, 1; Suffield, 3; Voluntown, 1; Wallingford, 2; Waterbury, 1; West Hartford, 2; Willimantic (city), 8.—Total, 87 in 25 towns.

**Infantile Paralysis.**—Meriden (city), 1; New Haven, 1.—Total, 2 in 2 towns.

**Cerebro Spinal Fever.**—Waterbury, 1.

**Diphtheria and Croup.**—Ansonia, 4; Bridgeport, 11; Bristol, 1; Canaan, 1; Canton, 1; Danbury (city), 7; Danbury (town), 2; Darien, 6; Greenwich, 1; Guilford, 1; Hartford, 30; Manchester, 2; Montville, 1; Naugatuck, 18; New Britain, 5; New Haven, 14; New London, 1; Norwalk (city), 1; Plainfield, 1; Putnam, 1; Redding, 1; Rockville (city), 2; Rocky Hill, 1; Stamford (city), 2; Stamford (town), 1; Suffield, 3; Torrington, 1; Waterbury, 9; Waterford, 1; Westport, 1; Windsted (borough), 8.—Total, 139 in 31 towns.

**Whooping Cough.**—Bloomfield, 5+; Branford, 3+; Chester, "continues"; East Granby, 16; Ellington, 1; Fairfield, 3; Glastonbury, 4; Granby, 20; Hartford, 5; Madison, 1; Middletown (city), 4; New Haven, 8; North Haven, 1; Southbury, 5; South Norwalk (city), 1; Stafford, 4; Stamford (city), 6; Suffield, 5; Waterbury, 2; West Hartford, 2; Windsor, 3; Woodbridge, 3.—Total, 102+ in 22 towns.

**Typhoid Fever.**—Ansonia, 2; Branford, 1; Bridgeport, 2; Bristol, 1; Enfield, 5; Glastonbury, 2; Granby, 1; Groton, 1; Hamden, 1; Hartford, 3; Killingly, 2; Litchfield, 1; Manchester, 2; Meriden (city), 3; Milford, 1; New Britain, 2; New Fairfield, 3; New Haven, 16; Newington, 1; New London, 4; Norwalk, 1; Orange, 1; Rocky Hill, 2; Simsbury, 1; Stamford (city), 3; Stratford, 1; Suffield, 1; Torrington, 1; Waterbury, 8; Waterford, 2; Weston, 2; Woodbridge, 1.—Total, 80 in 32 towns.

**Consumption.**—Andover, 1; Ansonia, 3; Berlin, 1; Branford, 2; Bridgeport, 21; Bristol, 2; Brookfield, 3; Brooklyn, 2; Canaan, 1; Canton, 2; Danielson (borough), 2; Enfield, 1; Fairfield, 1; Granby, 1; Greenwich, 1; Guilford, 1; Hamden, 1; Hartford, 13; Killingly, 1; Manchester, 2; Meriden (city), 3; Meriden (town), 1; Middletown, 4; Milford, 1; New Britain, 8; New Haven, 52; Norfolk, 1; Norwalk (city), 1; Norwalk (town), 3; Norwich (city), 2; Norwich (town), 5; Plainfield, 1; Plainville, 1; Preston, 4; Putnam, 1; Shelton (borough), 3; Simsbury, 1; South Norwalk (city), 2; Stamford (city), 2; Stratford, 2;

Thomaston, 2; Torrington, 1; Wallingford, 1; Waterbury, 11; West Hartford, 1; Westport, 1; Willimantic (city), 2; Windsor Locks, 1; Woodstock, 2.—Total, 182 in 49 towns.

In addition to the above the Health Officers of 70 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—South Windsor.  
FAIRFIELD Co.—Huntington.  
LITCHFIELD Co.—Kent.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population.

**Measles.**—Griswold, 1.

**La Grippe.**—Westport, 1.

**Diphtheria and Croup.**—Waterford, 1.

**Whooping Cough.**—Cheshire, 1.

**Typhoid Fever.**—Portland, 1; Wilton, 1.—Total, 2.

**Consumption.**—Brooklyn, 2; Granby, 1; Guilford, 1; Harwinton, 1; Portland, 1; Preston, 1; Ridgefield, 1; Salisbury, 2; Saybrook, 1; Simsbury, 2; Windsor Locks, 1.—Total, 14.

Report of specimens examined at the Laboratory of the State Board of Health during the month of July:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	18	19	1	38
"    release .....	8	28	0	36
Typhoid Fever .....	42	50	0	92
Tuberculosis .....	34	65	0	99
Malaria .....	4	8	0	12
Glanders .....	11	15	4	30
Total specimens examined .....				307
Samples of milk analyzed .....				400
"    " water examined .....				47
Sewage and effluents examined .....				6
Samples of oil examined .....				3

## THE FREE DISTRIBUTION OF ANTITOXINS.

After October first there will be a change in the present method of furnishing diphtheria and tetanus antitoxins. It is proposed to use the products of the Lederle Laboratories. This will be purchased outright by the board and distributed directly to the health officers. Each health officer will be furnished with an initial supply which he will replenish by requisitions on us as his stock becomes reduced. Accompanying these requisitions must be the physicians' orders for what has been used.

## THE WASSERMANN TEST.

The increasing appreciation of the seriousness of venereal diseases and the improvement in the accuracy of the Wassermann test for syphilis has led the board to feel that this test should be within reach of the physicians of the state. Arrangements are therefore being made to have this carried out in the Laboratory, and it is hoped that after October first the Laboratory will be in position to make tests whenever requested to do so. Plans have not been fully perfected but it is expected that the test will be made at regular intervals, the frequency of which will depend upon the number of specimens. It will be necessary also for physicians to apply directly to the Laboratory for outfits and specific directions.

## INFANTILE MORTALITY.

In viewing the mortality report for the month of July, one is struck by the great difference in the death rates from diarrhoeal diseases of infants in the different cities and wonders if these are an index of the purity of their milk supplies, or are tenement house conditions at fault. Waterbury has 47 deaths from diarrhoea under five; Bridgeport, 35; Hartford, 23; New Britain, 20. New Haven, the largest city of the state, has 10 deaths, while the smaller cities of Danbury, New London and Norwich report none.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics

HARTFORD, August 15, 1913.

\* Seven delayed certificates for June have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., JULY, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	95	66	80	.00	Partly Cloudy	57	Mean	29.94; highest 30.20; date 26
2	89	69	79	T.	Cloudy	59	Lowest	29.62; date 6
3	89	63	76	.00	Clear	88	TEMPERATURE.	
4	90	64	77	.00	Clear	74	Highest	95°; date 1; lowest 53°; date 12
5	92	68	80	.00	Partly Cloudy	53	Greatest daily range	29°; date 12
6	91	66	78	T.	Partly Cloudy	53	Least daily range	11°; date 24
7	75	58	66	.00	Cloudy	35	Mean highest	84.2°; lowest 62.3°
8	82	53	68	.02	Partly Cloudy	74	MEAN FOR THIS MONTH IN	
9	80	59	70	T.	Partly Cloudy	54	1905-73°	1906-72° 1907-73° 1908-75° 1909-71° 1910-74° 1911-75° 1912-73°
10	80	64	72	.17	Partly Cloudy	50	1913-73°	
11	79	58	68	.00	Partly Cloudy	87	Mean for this month	73.2°
12	82	53	68	.31	Partly Cloudy	62	Normal for this month	71.6°
13	88	67	78	.10	Partly Cloudy	80	Absolute maximum for this month for 9 years	100°
14	78	63	70	.00	Partly Cloudy	76	Absolute minimum for this month for 9 years	48°
15	79	59	69	.00	Partly Cloudy	83	Average daily excess of this month as compared with the normal	1.6°
16	81	57	69	.00	Partly Cloudy	83	Accumulated excess (+) since January 1	701.7°
17	83	56	70	.00	Partly Cloudy	59	Average daily excess (+) since January 1	3.3°
18	74	63	68	.11	Cloudy	18	PRECIPITATION.	
19	86	61	74	.00	Partly Cloudy	72	Total this month	1.83
20	86	63	74	.12	Partly Cloudy	43	Greatest precipitation in 24 hours 0.61, date	28
21	82	60	71	.00	Partly Cloudy	70	Normal for this month	4.11
22	86	58	72	.00	Clear	100	Deficiency (-) of this month as compared with the normal	2.28
23	86	66	76	T.	Partly Cloudy	53	Accumulated deficiency (-) since January 1	3.48
24	80	69	74	.69	Cloudy	3	TOTAL PRECIPITATION THIS MONTH IN	
25	78	62	70	.00	Clear	99	1905-2.71	1906-5.09 1907-1.86 1908-5.74 1909-1.59 1910-2.47
26	81	55	68	.00	Partly Cloudy	75	1911-2.97	1912-2.90 1913-1.83
27	84	61	72	.00	Partly Cloudy	78	WIND.	
28	82	64	73	.61	Cloudy	25	Prevailing direction	South
29	93	71	82	T.	Partly Cloudy	49	Total movement	5,897 miles
30	93	68	80	.00	Clear	83	Average hourly velocity	7.9
31	85	67	76	.00	Clear	100	Maximum velocity (in five minutes) 32 miles per hour, from S. on 10th.	
Mean	84	62	73	1.83		64	WEATHER.	
							Number of days, clear	6
							Partly cloudy	20
							Cloudy	5
							On which .01 inch, or more, occurred	8
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar	none
							Halos, lunar	none
							Thunderstorms	12, 13, 20, 24, 28
							Hail	none
							Frost: light, none; killing	none

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 66 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF AUGUST, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of August, 1913, and a Statement of the Births and Marriages for the Month of July, 1913.

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in July.	Still Births in July.	Marriages in July.	Total Deaths.	Representative Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.
Ansonia, .....	15,683	50	2	16	31	23.4	15	8	74.1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	91	1	.....	.....	.....	1	.....	10
Branford, .....	6,149	15	.....	.....	.....	.....	.....	.....	45.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Bridgeport, .....	111,371	277	5	110	131	13.4	9	12	58	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....	4
Bristol, .....	14,659	32	.....	.....	.....	7.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Danbury, .....	24,710	41	.....	.....	.....	11.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
Derby, .....	9,309	34	1	4	18	20.6	.....	.....	38.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
East Hartford, .....	8,957	21	.....	.....	.....	10.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Enfield, .....	10,025	33	2	41	17	19.2	.....	.....	82.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Fairfield, .....	6,027	5	.....	.....	.....	14.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Greenwich, .....	17,750	28	3	24	22	12.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton, .....	6,054	11	.....	.....	.....	17.6	.....	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	6,217	14	1	.....	.....	17.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	104,034	205	9	114	133	11.4	21	11	27.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington, .....	6,836	15	.....	.....	.....	10.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly, .....	6,483	12	1	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, .....	14,553	28	.....	.....	.....	15.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mendon, .....	33,077	66	.....	.....	.....	15.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, .....	21,727	49	1	9	53	17.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatucket, .....	13,376	35	.....	.....	.....	17.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	48,630	125	2	65	47	13.4	24	8	58.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven, .....	141,278	340	17	99	107	13.4	45	8	31.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London, .....	20,202	56	.....	.....	.....	23.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford, .....	5,071	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk, .....	25,494	40	1	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk, .....	29,203	73	6	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	12,555	17	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, .....	7,288	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth, .....	5,078	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam, .....	7,200	11	2	57	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour, .....	5,159	5	1	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington, .....	6,703	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	5,513	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford, .....	31,835	77	2	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington, .....	9,338	21	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford, .....	6,328	12	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington, .....	18,150	34	2	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon, .....	9,408	22	2	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford, .....	11,801	27	1	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury, .....	79,741	161	9	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford, .....	5,204	7	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Westchester, .....	8,953	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham, .....	13,344	29	5	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns, .....	953,579	2141	92	914	1246	15.6	352	102	36.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120 towns of less than 5,000 inhabitants, .....	245,307	350	16	110	205	14.7	56	11	25.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 162 towns, .....	1,198,886	2497	108	1024	1511	15.5	408	113	34.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Population of towns not reporting, .....	7,741	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 41; in Danbury, 5; in Derby, 4; in Greenwiche, 8; in Hartford, 71; in Huntington, 12; in Meriden, 10; in Middletown, 21; in New Britain, 5; in New Haven, 53; in New London, 11; in Norwalk, 19; in Norwich, 19; in Stamford, 5; in Waterbury, 33; in Winchester, 6; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in August: Andover, Ashford, Barkhamsted, Bethelheim, Brookfield, Canterbury, Cheshire, Chester, Colebrook, Columbia, Durham, Easton, Essex, Franklin, Hampton, Kent, Killingworth, Monroe, North Branford, North Haven, Prospect, Salem, Saybrook, Scotland, Sherman, Southbury, Union, Weston, Wolcott.—Total, 30.

The Registrars of the following towns have made no report for August: Cornwall, Ledyard, Madison, Marlborough, Voluntown, Waterford.—Total, 6.

\* Includes deaths in Sanatorium. † Includes 1 non-resident of State.

## REMARKS.

By mortality reports received there were 1,511 deaths during the month of August. This was 17 more than in July and 78 more than in August of last year, and 69 more than the average number of deaths during August for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,493	1,366	1,557
February,	1,547	1,552	1,556	1,421	1,313	1,515
March,	1,704	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
April,	1,506	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	1,407	1,210	1,175	1,266	1,216	1,146
Total second quarter,	4,338	4,041	4,289	4,192	4,047	3,680
July,	*1,494	1,457	1,635	1,735	1,412	1,496
August,	1,511	1,433	1,449	1,426	1,402	1,106

The death rate was 15.6 for the large towns, for the small towns 14.7, and for the whole State 15.5.

The deaths reported from infectious diseases were 171, being 11.3 per cent, of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Durham, 1, Sprague, 1.—Total, 2 in 2 towns.

**Measles.**—Ansonia, 1; Bridgeport, 1; Canaan, 2; Canton, 1; Cornwall, 6; Darien, 1; Derby, 1; East Haddam, "yes"; East Windsor, 1; Enfield, 3; Granby, 2; Greenwich, 3; Griswold, 4; Hartford, 2; Manchester, 2; Monroe, 1; New Britain, 2; New Haven, 4; New London, 1; North Canaan, 2; North Stonington, 2; Plainfield, 2+; Seymour, 1; Southington, 1; Westport, 1; Willimantic (city), 1; Wilton, 10.—Total, 58+ in 26 towns.

**Scarlet Fever.**—Ansonia, 1; Bridgeport, 11; Danbury (city), 1; Easton, 2; Enfield, 1; Greenwich, 1; Hamden, 1; Hartford, 8; Lebanon, 1; New Britain, 3; New Canaan, 1; New Haven, 6; New London, 1; Newtown, 1; Norwalk (city), 1; Norwich (city), 4; Preston, 1; Suffield, 1; Wallingford, 1; Waterbury, 4; Wethersfield, 2; Willimantic (city), 1; Windham, 2.—Total, 56 in 23 towns.

**Infantile Paralysis.**—Enfield, 1; Meriden (city), 1; Willimantic (city), 1.—Total, 3 in 3 towns.

Cerebro Spinal Fever.—Hebron, 1; New Britain, 1; Southington, 1.—Total, 3 in 3 towns.

**Diphtheria and Croup.**—Ansonia, 2; Branford, 1; Bridgeport, 6; Chatham, 1; Danbury (city), 5; Danbury (town), 1; Derby, 1; Enfield, 2; Farmington, 1; Guilford, 6; Hartford, 28; Manchester, 2; Meriden (city), 4; Montville, 1; Naugatuck, 12; New Britain, 4; New Haven, 7; New London, 1; Norwalk (city), 1; Orange, 3; Rockville (city), 2; South Windsor, 1; Stamford (city), 1; Thompson, 2; Torrington, 1; Wallingford, 1; Waterbury, 7; Watertown, 2; Willimantic (city), 1.—Total, 107 in 29 towns.

**Whooping Cough.**—Bloomfield, 7; Bridgeport, 4; Bristol, 1; Canton, 8; Chester, "more cases"; East Granby, 12; East Haddam, "epidemic"; Granby, 14; Hartford, 9; Lyme, 10; Middletown (city), 42; New Haven, 6; Saybrook, 1; Simsbury, 3; Stamford (city), 5; Tolland, 1; Trumbull, 4.—Total, 127+ in 17 towns.

**Typhoid Fever.**—Ansonia, 7; Branford, 1; Bridgeport, 3; Bristol, 1; Chester, 1; Danbury (city), 1; Darien, 1; East Haddam, 1; East Hartford, 2; Easton, 3; Enfield, 3; Glastonbury, 2; Greenwich, 2; Groton (town), 3; Groton (borough), 2; Guilford, 1; Hamden, 1; Hartford, 16; Killingly, 1; Madison, 1; Manchester, 6; Meriden (city), 2; Middletown (city), 2; Middletown (town), 1; Naugatuck, 1; New Britain, 1; New Haven, 27; New London, 5; New Milford, 1; Norwalk (city), 30; Norwalk (town), 4; Norwich (city), 1; Old Saybrook, 1; Orange, 3; Rocky Hill, 2; Shelton (borough), 1; Southbury, 3; South Norwalk (city), 1; Stamford (city), 5; Stamford (town), 2; Suffield, 1; Torrington, 2; Wallingford, 1; Waterbury, 26; Watertown, 4; Weathersfield, 1; Wilton, 1; Winchester, 1; Winsted (borough), 2; Woodbridge, 1. — Total, 102 in 50 towns.

**Consumption.**—Berlin, 1; Bridgeport, 10; Bristol, 2; Brookfield, 3; Brooklyn, 1; Canaan, 1; Canton, 1; Cromwell, 1; Danbury (city), 2; Danielson (borough), 2; East Granby, 2; Enfield, 3; Groton, 1; Haddam, 1; Hamden, 1; Hartford, 3; Manchester, 1; Meriden (city), 5; Middletown (city), 1; Middletown (town), 5; Milford, 1; Naugatuck, 1; New Britain, 5; New Canaan, 2; New Haven, 38; New London, 3; North Canaan, 1; Norwalk, 1; Norwich (city), 2; Norwich (town), 5; Old Lyme, 1; Preston, 1; Prospect, 1; Putnam, 1; Simsbury, 3; South Norwalk (city), 1; Sprague, 1; Stafford Springs (borough), 1; Stamford (city), 4; Thomaston, 1; Wallingford, 2; Waterbury, 12; West Hartford, 1; Winsted (borough), 3.—Total, 130 in 44 towns.

In addition to the above the Health Officers of 82 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, Middlesex and Tolland Counties have reported, but the Health Officer of the following town has not reported :

LITCHFIELD Co.—Woodbury.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population.

Measles.—East Windsor, 1; North Canaan, 1.—Total, 2.

Cerebro Spinal Fever.—Hebron, 1.

Diphtheria and Croup.—Hartland, 1.

Whooping Cough.—Coventry, 1; Oxford, 1.—Total, 2.

Typhoid Fever.—Plainville, 1.

**Consumption.**—Berlin, 1; Bethel, 1; Canaan, 1; East Haven, 1; East Lyme, 1; Lebanon, 1; New Canaan, 3; Newington, 8; Sprague, 1; Watertown, 1; Woodstock, 1.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of August:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	12	25	0	37
release .....	23	37	1	66
Typhoid Fever .....	71	88	3	162
Tuberculosis .....	25	56	0	81
Malaria .....	3	9	0	12
Glands .....	10	14	0	24
Miscellaneous .....	1	1	1	3
Total specimens examined .....				385
Samples of milk analyzed .....				394
"    " water examined .....				63
Sewage and effluents examined .....				6
Samples of oil examined .....				4

## BIRTH REGISTRATION.

The registration of births is a matter of great importance to the individual and to the community. We have a good midwifery law in this state, which aims to provide that none but competent women shall engage in this very important occupation. One unfortunate result of our law however is, that many unintelligent women, who can not secure a license, practice surreptitiously, mostly among the foreign population, and do not register their births for the obvious reason that by so doing they will furnish incriminating evidence against themselves, and the parents of the children do not understand the importance of such registration, or do not know of the requirement. Registrars should make every effort to secure the birth record of such children. This is one of the ways in which women's clubs and settlement workers can be of great public service in instructing parents in the importance of registering their offspring and seeing that it is done. The clergy whose work is in a parish made up of a foreign-born population, can also be of much assistance.

Some of the reasons why births should be registered are: That for governmental and identification purposes the birth may be a matter of official record; that the age of school children may be definitely known, making the proper enforcement of school and work laws possible; that prosecutions dealing with the "age of consent," or the prosecution of minors, may be settled by record and not by conjecture; that litigation in matters of inheritance and the settlement of estates may be simplified by definite knowledge of the ages of all persons concerned; that American-born children of foreign parents may have indisputable evidence of American birth, which will protect them from enforced military service when visiting the country of their parents. This is something the child can not do for himself and the state must, therefore, see that it is done for him.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

*Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics*

HARTFORD, September 15, 1913.

\* Seven delayed certificates for July have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., AUGUST, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	78	64	71	.01	Cloudy	6	30.03; highest..... 30.41; date 21	29.75; ..... date 29
2	87	66	76	.00	Partly Cloudy	58	TEMPERATURE.	
3	89	61	75	.00	Clear	73	Highest..... 96°; date 17; lowest..... 49°, date 26	Greatest daily range ..... 31°; ..... date 26
4	78	63	70	T.	Cloudy	43	Least daily range..... 14°; ..... date 29	Mean highest ..... 81.5°; lowest..... 59.9°
5	80	56	68	.00	Clear	89	MEAN FOR THIS MONTH IN	
6	81	60	70	.06	Partly Cloudy	52	1905-68° 1906-73° 1907-69° 1908-69° 1909-69° 1910-69° 1911-70° 1912-68°	1913-71°
7	80	64	72	.25	Partly Cloudy	63	Mean for this month.....	70.7°
8	84	59	72	.00	Clear	68	Normal for this month.....	68.9°
9	85	65	75	.00	Cloudy	32	Absolute maximum for this month for 9 years.....	96°
10	92	64	78	.32	Cloudy	53	Absolute minimum for this month for 9 years.....	43°
11	76	55	66	.01	Clear	99	Average daily excess of this month as compared with the normal.....	1.8°
12	78	52	65	.00	Clear	81	Accumulated excess (+) since January 1.....	757.5°
13	74	60	67	T.	Cloudy	24	Average daily excess (+) since January 1.....	3.1°
14	78	55	66	.00	Partly Cloudy	48	PRECIPITATION.	
15	83	57	70	.00	Partly Cloudy	48	Total this month.....	3.89
16	90	62	76	.00	Partly Cloudy	57	Greatest precipitation in 24 hours 2.25, date.....	29-30
17	96	67	82	.00	Partly Cloudy	53	Normal for this month.....	4.56
18	90	70	80	T.	Partly Cloudy	42	Deficiency (-) of this month as compared with the normal....	0.67
19	78	61	70	.00	Partly Cloudy	86	Accumulated deficiency (-) since January 1.....	4.15
20	78	52	65	.00	Clear	100	TOTAL PRECIPITATION THIS MONTH IN	
21	76	50	63	.00	Partly Cloudy	68	1905-5.08 1906-2.65 1907-1.03 1908-6.74 1909-3.35 1910-2.98	1911-5.56 1912-3.02 1913-3.89
22	75	52	64	.04	Cloudy	35	WIND.	
23	81	67	74	.20	Partly Cloudy	61	Prevailing direction.....	South
24	81	59	70	.00	Clear	99	Total movement.....	5,217 miles
25	75	57	66	.00	Clear	90	Average hourly velocity.....	7.0
26	80	49	64	.00	Clear	60	Maximum velocity (in five minutes) 26 miles per hour,	from S. on 26th.
27	79	63	71	.75	Cloudy	22	WEATHER.	
28	82	59	70	.00	Partly Cloudy	75	Number of days, clear.....	9
29	78	64	71	1.71	Cloudy	0	Partly cloudy.....	13
30	82	64	73	.54	Cloudy	50	Cloudy.....	9
31	84	59	72	.00	Partly Cloudy	55	On which .01 inch, or more, occurred.....	10
Mean	82	60	71	3.89		58	MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar.....	21
							Halos, lunar.....	none
							Thunderstorms.....	7, 10, 18, 27, 29, 30
							Hail.....	none
							Frost: light, none; killing.....	none

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 72 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF SEPTEMBER 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of September, 1913, and a Statement of the Births and Marriages for the Month of August, 1913.

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in August.	Still Births in August.	Marriages in August.	Total Deaths.	Representative Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Consumption in State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.		
Ansonia, .....	15,893	69	2	16	19	12.0	9	...	37.5	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	2	1	1	7			
Brantford, .....	6,149	18	1	5	4	7.8	...	...	25.0	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...		
Bridgeport, .....	111,371	313	12	105	133	13.8	46	8	40.6	1	...	...	...	...	1	...	1	1	1	20	2	5	5	...	1	1	10	84			
Bristol, .....	14,659	37	...	...	...	6.5	3	...	50.0	...	...	...	...	...	...	...	...	...	...	...	1	2	1	...	...	2	...	...	...		
Danbury, .....	24,710	38	3	13	22	10.1	3	...	13.6	...	...	...	...	...	...	...	...	...	...	...	1	2	2	...	...	2	...	...	...		
Derby, .....	9,309	27	...	...	...	15	16.7	3	60.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
East Hartford, .....	8,657	13	...	...	...	6.9	2	...	40.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Enfield, .....	10,625	22	2	14	14	15.8	5	4	64.2	1	...	...	...	...	...	...	...	...	...	...	4	1	1	...	...	...	...	...	...		
Fairfield, .....	6,627	21	...	...	...	10	18.1	3	40.0	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...		
Greenwich, .....	17,750	22	1	16	28	18.2	5	2	25.0	...	...	...	...	...	...	...	...	...	...	...	3	1	3	...	...	1	2	4	...		
Groton, .....	6,654	12	...	4	5	9.0	1	...	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hamden, .....	6,217	18	...	2	5	9.6	1	...	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hartford, .....	104,634	258	10	116	152	12.7	33	5	25.0	...	...	...	...	...	2	1	...	9	...	12	4	4	...	16	...	1	...	...	...		
Huntington, .....	6,836	14	...	4	15	15.8	1	...	6.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Killingly, .....	6,483	11	11	9	16.6	3	1	...	44.4	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...		
Manchester, .....	14,553	25	5	18	11	9.0	4	...	36.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Meriden, .....	33,077	68	5	16	28	8.3	3	2	17.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Middletown, .....	21,727	51	2	12	42	14.9	9	1	23.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Naugatuck, .....	13,376	29	...	18	13	11.6	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
New Britain, .....	48,630	134	2	52	49	11.5	23	8	63.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
New Haven, .....	141,278	331	10	127	147	10.7	26	16	28.5	...	...	...	...	...	1	3	1	...	1	...	12	1	5	1	...	9	16	19	61		
New London, .....	20,292	52	...	17	35	20.1	11	1	34.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
New Milford, .....	5,071	6	...	...	...	11.8	1	...	20.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Norwalk, .....	25,494	47	2	18	34	15.0	6	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Norwich, .....	29,293	58	3	18	39	12.2	6	3	23.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Orange, .....	12,555	11	2	3	14	13.3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Plainfield, .....	7,288	10	1	8	9	14.8	4	...	44.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Plymouth, .....	5,078	9	6	9	19.0	...	...	...	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Putnam, .....	7,260	17	...	13	8	13.2	1	...	12.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Seymour, .....	5,159	13	3	7	14	32.5	9	1	71.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Southington, .....	6,793	19	1	3	6	10.7	3	1	66.6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Stafford, .....	5,513	7	...	...	...	6.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Stamford, .....	31,835	87	5	20	44	14.0	8	2	22.7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Stonington, .....	9,338	18	2	7	13	16.7	3	...	23.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Stratford, .....	6,328	12	...	...	...	15.1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Torrington, .....	18,150	28	2	11	18	11.8	6	2	44.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Vernon, .....	9,268	22	...	...	...	9	11.6	3	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Wallingford, .....	11,801	28	...	...	...	8.1	2	...	50.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Waterbury, .....	79,741	187	7	50	108	15.0	47	9	51.8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
West Hartford, .....	5,294	12	1	...	...	6.8	1	...	33.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Winchester, .....	8,953	19	1	15	19	21.4	3	2	26.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Windham, .....	13,344	44	4	5	16	14.3	6	2	50.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Total of the 42 above towns, .....	953,579	2231	90	808	1153	14.5	368	82	33.8	...	...	...	...	...	2	17	4	1	22	1	142	16	63	15	73	10	85	99	86	514	
124 towns of less than 5,000 inhabitants, .....	221,321	346	12	116	261	14.1	40	12	19.9	...	...	...	...	...	...	3	2	1	1	...	24	7	15	3	11	3	27	24	33	108	
Total reported from 166 towns, .....	1,174,900	2577	102	924	1414	14.4	348	94	31.2	...	...	...	...	...	...	2	20	6	2	23	1	166	23	78	18	84	13	112	123	119	622
Population of towns not reporting, .....	1,721									...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

The Mortality in Public Institutions of the State was: in Bridgeport, 36; in Danbury, 5; in Derby, 2; in Greenwich, 8; in Hartford, 76; in Huntington, 6; in Meriden, 8; in Middletown, 19; in New Britain, 4; in New Haven, 51; in New London, 10; in Norwich, 14; in Putnam, 2; in Stamford, 12; in Waterbury, 33; in Winchester, 4; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in September: Avon, Barkhamsted, Brookfield, Brooklyn, Canaan, Chaplin, East Granby, East Lyme, Ellington, Hebron, Killingworth, Lebanon, Lisbon, Marlborough, Middlebury, Morris, New Fairfield, North Branford, North Stonington, Roxbury, Saybrook, Sterling, Union, Wilton, Wolcott, Woodbury.—Total, 29.

The Registrars of the following towns have made no report for September: Cornwall, Voluntown.—Total, 2.  
\* Includes deaths in Sanatorium.

# REMARKS.

By mortality reports received there were 1,414 deaths during the month of September. This was 208 less than in August and 23 more than in September of last year, and 95 more than the average number of deaths during September for the five years preceding.

	1911	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,498	1,366	1,557
February,	1,547	1,552	1,556	1,421	1,313	1,515
March,	1,704	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
April,	1,506	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	1,407	1,210	1,175	1,266	1,216	1,146
Total second quarter,	4,338	4,041	4,289	4,192	4,047	3,680
July,	*1,495	1,457	1,635	1,735	1,412	1,496
August,	*1,522	1,433	1,449	1,426	1,492	1,410
September,	1,414	1,391	1,284	1,387	1,292	1,240
Total third quarter,	4,431	4,281	4,368	4,548	4,196	4,146

The death rate was 14.5 for the large towns, for the small towns 14.1, and for the whole State 14.4.

The deaths reported from infectious diseases were 150, being 10.6 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—New Haven, 1; Orange, 1; Plainfield, 2.—Total, 4 in 3 towns.

**Measles.**—East Haddam, 4; Enfield, 7; Greenwich, 1; Hartford, 1; Lebanon, 1; Middletown (city), 1; Naugatuck, 3; New Haven, 1; Norwalk (city), 3; Plainfield, 2; Stamford (city), 1; Stamford (town), 1; Westport, 10; Woodbridge, 1.—Total, 37 in 14 towns.

**Scarlet Fever.**—Branford, 1; Bridgeport, 10; Clinton, 1; East Haven, 1; Easton, 2; Greenwich, 4; Hartford, 5; Harwinton, 1; Manchester, 1; Naugatuck, 2; New Haven, 8; Norwalk, 1; Orange, 1; Plainfield, 3; Preston, 3; Shelton (borough), 1; Stafford, 1; Stamford (city), 1; Stonington, 1; Suffield, 1; Voluntown, 1; Wallingford, 1; Waterbury, 3; Watertown, 3; West Hartford, 1; Westport, 1; Willimantic (city), 6; Windsor, 2.—Total, 67 in 25 towns.

**Infantile Paralysis.**—Enfield, 1; Hamden, 1; Meriden (city), 1; North Haven, 1.—Total, 4 in 4 towns.

**Cerebro Spinal Fever.**—New Haven, 1; Waterbury, 1.—Total, 2 in 2 towns.

**Diphtheria and Croup.**—Ansonia, 7; Berlin, 1; Branford, 5; Bridgeport, 13; Bristol, 1; Brooklyn, 1; Danbury (city), 4; Derby, 2; East Haven, 1; Goshen, 1; Greenwich, 8; Guilford, 2; Hamden, 1; Hartford, 25; Hebron, 1; Huntington, 1; Milford, 1; Naugatuck, 6; New Britain, 3; New Haven, 25; Norwalk (city), 1; Norwich (city), 1; Old Lyme, 3; Pomfret, 1; Putnam, 4; Rockville (city), 6; Rocky Hill, 1; Seymour, 5; Shelton (borough), 1; Southington, 3; Sprague, 2; Stamford (city), 2; Thompson, 3; Torrington, 2; Wallingford, 2; Waterbury, 14; Watertown, 1; Westport, 1; Willimantic (city), 3; Willington, 1.—Total, 166 in 40 towns.

**Whooping Cough.**—Hartford, 7; Lebanon, 3; Lyme, 4; Middletown (city), 9; New London, 2; Oxford, 1; Roxbury, 2; Saybrook, 1; Stamford (city), 7; Stonington, 8; Waterbury, 4; Willimantic (city), 3.—Total, 51 in 12 towns.

**Typhoid Fever.**—Ansonia, 17; Bridgeport, 5; Bristol, 2; Chatham, 2; Danbury (city), 2; Danielson (borough), 1; Darien, 1; Derby, 3; East Hartford, 19; Enfield, 13; Essex, 2; Glastonbury, 1; Groton, 5; Hamden, 3; Hartford, 24; Madison, 1; Manchester, 4; Meriden (city), 2; Meriden (town), 2; Middletown (city), 2; Middletown (town), 2; Morris, 1; Naugatuck, 2; New Britain, 2; New Fairfield, 1; New Haven, 18; Newington, 7; New London, 15; New Milford, 1; Norwalk (city), 7; Norwalk (town), 3; Orange, 5; Oxford, 1; Plainfield, 1; Plymouth, 4; Putnam, 1; Ridgefield, 1; Rockville (city), 1; Salisbury, 2; Seymour, 1; Shelton (borough), 2; South Norwalk (city), 2; Southington, 3; Stamford (city), 5; Stonington, 3; Suffield, 1; Torrington, 2; Trumbull, 1; Wallingford, 3; Waterbury, 19; Watertown, 1; Westbrook, 2; Wethersfield, 1; Willimantic (city), 2; Wilton, 3; Windsor, 1.—Total, 238 in 56 towns.

**Consumption.**—Ansonia, 3; Bloomfield, 1; Bridgeport, 12; Bristol, 1; Brookfield, 3; Brooklyn, 1; Canton, 1; Danbury (city), 2; Danielson (borough), 2; Essex, 1; Fairfield, 2; Greenwich, 2; Hartford, 8; Jewett City (borough), 1; Manchester, 2; Meriden (city), 4; Meriden (town), 1; Middletown (city), 3; Middletown (town), 3; Naugatuck, 3; New Britain, 4; New Haven, 49; New London, 1; Norwalk, 2; Nor-

wich (city), 2; Orange, 1; Plainfield, 4; Plymouth, 2; Preston, 3; Saybrook, 1; Shelton (borough), 1; South Norwalk (city), 1; Southington, 1; Stafford Springs (borough), 1; Stamford (city), 9; Stratford, 1; Torrington, 1; Wallingford, 3; Waterbury, 10; West Hartford, 1; Wethersfield, 1; Willimantic (city), 1.—Total, 156 in 42 towns.

In addition to the above the Health Officers of 86 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, Fairfield, Windham, Middlesex and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

NEW LONDON Co.—Groton (borough).

LITCHFIELD Co.—Bridgewater, Woodbury.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population.

**Diphtheria and Croup.**—Old Lyme, 1; Thompson, 1; Windsor Locks, 1.—Total, 3.

**Whooping Cough.**—East Haddam, 1; Lyme, 1.—Total, 2.

**Typhoid Fever.**—Darien, 1.

**Consumption.**—Andover, 1; Bloomfield, 1; Bolton, 1; Clinton, 1; Farmington, 1; Griswold, 1; Milford, 1; Newington, 2; Newtown, 1; North Canaan, 1; Preston, 1; Salisbury, 2; Sharon, 1; South Windsor, 1; Warren, 1.—Total, 17.

Report of specimens examined at the Laboratory of the State Board of Health during the month of September:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	22	29	0	51
release .....	12	29	0	41
School Exams. ....	15	121	0	136
Typhoid Fever .....	95	79	5	179
Tuberculosis .....	29	88	0	117
Malaria .....	0	11	0	11
Glanders .....	8	16	0	24
Rabies .....	0	2	0	2
Miscellaneous .....	0	1	0	1
Total specimens examined .....				562
Samples of milk analyzed .....				318
" " water examined .....				57
Sewage and effluents examined .....				6
Oil samples examined .....				4

## THE WASSERMAN TEST.

The laboratory of the State Board of Health announces that it is now prepared to make the Wasserman test for the diagnosis of syphilis. At first the test will probably be made not oftener than once in two weeks, but more frequently if the specimens received demand it. For information regarding the test and outfits for sending specimens, physicians should apply to Prof. Conn at the laboratory, Middletown.

The use of the Wasserman reaction and its modifications have shown the presence of active syphilis in many hitherto unsuspected cases, the classical picture of the disease having been obscured by years of gradual syphilitic inoculation. Economically syphilis is not a serious disease in the primary and secondary stages, that is, persons with syphilis during the early stages are usually not ill enough to cease work. It is the later manifestations, the sequelæ and the so-called parasyphilitic lesions, as well as the inherited consequences of the disease, that cause great economic loss. Syphilis lowers the standard of health and paves the way for other diseases. Nearly one-fifth of all the insane in our asylums give the Wasserman reaction.

The health officer should regard syphilis as he does the acute infectious diseases. Our attitude towards the venereal diseases has been inconsistent and there has been a natural aversion towards these afflictions. The sanitarian should make no distinction between the venereal diseases and other epidemic diseases. The immediate problem is the prevention of further spread of the infection.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics

HARTFORD, October 15, 1913.

\* One delayed certificate for July and eleven for August have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., SEPTEMBER, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	84	66	75	.00	Partly Cloudy	39	Mean	30.14; highest. 30.59; date 16
2	87	61	74	.00	Clear	49	Lowest	29.80; date 13
3	83	66	74	.00	Cloudy	29	TEMPERATURE.	
4	76	60	68	.00	Partly Cloudy	39	Highest	87°; date 2; lowest. 38°; date 15
5	60	57	58	.69	Cloudy	0	Greatest daily range	32°; date 16
6	77	56	66	.00	Partly Cloudy	47	Least daily range	3°; date 5
7	69	59	64	.44	Cloudy	0	Mean highest	70.7°; lowest. 52.2°
8	80	62	71	.11	Cloudy	27	MEAN FOR THIS MONTH IN	
9	66	50	58	.00	Clear	100	1905-63°	1906-66°
10	65	45	55	.00	Clear	70	1907-64°	1908-65°
11	67	45	56	.00	Partly Cloudy	56	1909-62°	1910-64°
12	72	48	60	.00	Cloudy	13	1911-63°	1912-63°
13	71	51	61	.29	Partly Cloudy	47	1913-61°	
14	62	45	54	.00	Partly Cloudy	65	Mean for this month	61.4°
15	64	38	51	.00	Clear	85	Normal for this month	61.7°
16	71	39	55	.00	Partly Cloudy	60	Absolute maximum for this month for 9 years	92°
17	71	49	60	.01	Cloudy	9	Absolute minimum for this month for 9 years	36°
18	76	60	68	.76	Cloudy	18	Average daily deficiency of this month as compared with the normal	0.3°
19	60	54	57	.25	Cloudy	0	Accumulated excess (+) since January 1	748.5°
20	62	53	58	.10	Cloudy	0	Average daily excess (+) since January 1	2.7°
21	72	58	65	.29	Cloudy	0	PRECIPITATION.	
22	73	56	64	.62	Cloudy	2	Total this month	3.56
23	66	50	58	.00	Clear	93	Greatest precipitation in 24 hours 0.77, date	18-19
24	67	44	56	.00	Clear	81	Normal for this month	3.50
25	76	44	60	.00	Partly Cloudy	78	Excess (-) of this month as compared with the normal	0.06
26	76	54	65	.00	Partly Cloudy	62	Accumulated deficiency (-) since January 1	4.09
27	65	53	59	.00	Clear	100	TOTAL PRECIPITATION THIS MONTH IN	
28	67	42	54	.00	Clear	100	1905-3.43	1906-3.57
29	76	52	64	.00	Partly Cloudy	82	1907-11.56	1908-1.12
30	60	50	55	.00	Cloudy	36	1909-3.83	1910-3.41
Mean	71	52	61	3.56		46	1911-2.00	1912-2.14
							1913-3.56	
							WIND.	
							Prevailing direction	South
							Total movement	4,633 miles
							Average hourly velocity	6.4
							Maximum velocity (in five minutes) 24 miles per hour, from S. on 22d.	
							WEATHER.	
							Number of days, clear	8
							Partly cloudy	10
							Cloudy	12
							On which .01 inch, or more, occurred	10
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar	none
							Halos, lunar	14, 16
							Thunderstorms	5, 7, 8
							Dense fog	2
							Frost: light, 10, 15, 24, 28; heavy	16

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 83 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF OCTOBER, 1913

# ABSTRACT OF REPORTS OF MORTALITY

*And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of October, 1913, and a Statement of the Births and Marriages for the Month of September, 1913*

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in September.	Still Births in September.	Marriages in September.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Deaths from 1 to 5 years.	Percentage of Deaths under 5 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases
Ansonia.....	15,903	40	1	13	17	12.8	7	2	52.9	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	1	.....	1	.....	1	3	.....	7
Braunford.....	6,140	12	.....	6	9	17.5	2	3	34.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Bridgeport.....	111,371	261	11	129	127	12.4	23	6	24.7	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	8	6	11	.....	15	13	.....	51
Bristol.....	14,659	31	.....	11	4	3.2	1	1	50.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Danbury.....	24,716	41	2	13	28	12.1	4	2	21.4	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	5	3	.....	13
Derby.....	8,369	35	4	16	11	11.6	3	2	45.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
East Hartford.....	10,657	25	.....	5	3	4.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Enfield.....	10,025	29	1	15	11	12.4	2	2	36.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Fairfield.....	6,627	16	.....	7	10	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Greenwich.....	17,750	26	1	23	26	14.8	5	2	26.8	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Groton.....	6,654	10	1	3	8	14.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Handen.....	6,217	13	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hartford.....	104,634	288	6	107	109	9.6	13	1	12.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Huntington.....	6,836	22	.....	10	*13	7.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Killingbury.....	6,453	9	.....	16	6	4.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Manchester.....	14,553	29	.....	26	*31	9.0	4	2	19.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Meriden.....	33,077	66	3	26	33	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Middletown.....	21,727	34	1	22	33	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Naugatuck.....	13,376	18	1	13	7	6.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain.....	48,630	146	3	66	37	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Britain.....	141,278	332	12	157	179	13.1	28	8	21.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Haven.....	20,292	46	4	31	27	15.3	3	2	18.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New London.....	5,071	7	1	6	8	18.9	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Milford.....	25,404	34	3	18	17	8.0	4	1	29.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwalk.....	20,293	43	1	16	*47	17.2	9	4	27.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Norwich.....	12,555	9	2	11	15	14.3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Orange.....	7,288	11	.....	5	5	8.2	3	1	80.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plainfield.....	5,678	14	2	4	3	6.3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Plymouth.....	7,260	18	.....	5	14	21.4	1	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Punam.....	5,159	15	.....	2	5	11.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Seymour.....	6,793	18	.....	5	11	10.6	3	2	45.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Southington.....	5,513	8	.....	5	5	10.8	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stafford.....	31,835	77	1	42	31	11.6	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stamford.....	9,338	21	1	7	10	12.8	2	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stratford.....	6,328	12	.....	8	6	11.3	1	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Torrington.....	18,156	20	.....	16	10	6.6	1	2	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vernon.....	9,268	12	2	5	7	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wallingford.....	11,891	27	.....	.....	.....	4.0	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Waterbury.....	79,741	153	6	72	73	9.9	19	3	28.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
West Hartford.....	3,294	10	.....	4	3	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Winchester.....	3,953	18	2	10	14	47.7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Windham.....	13,344	20	.....	9	12	9.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total of the 42 above towns, .....	953,579	2082	73	932	994	12.5	156	60	24.7	.....	3	7	.....	.....	16	7	4	12	.....	5	54	20	65	7	105	119	76	445
121 towns of less than 5,000 inhabitants, .....	1,179,251	345	9	149	234	12.4	31	9	17.0	.....	.....	.....	.....	.....	5	.....	1	.....	.....	6	11	7	12	1	41	24	22	85
Total reported from 163 towns, .....	1,770,830	2427	82	1101	1228	12.5	217	69	23.2	.....	3	7	.....	.....	21	7	5	12	.....	11	65	27	77	8	146	143	98	530
Population of towns not reporting .....	5,791	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

\* Includes deaths in State Sanatorium.

The Mortality in Public Institutions of the State was: in Bridgeport, 25; in Danbury, 8; in Derby, 5; in Greenwich, 17; in Hartford, 88; in Huntington, 9; in Middletown, 20; in New Britain, 5; in New Haven, 69; in New London, 4; in Norwalk, 13; in Norwich, 13; in Putnam, 3; in Stamford, 4; in Wallingford, 1; in Waterbury, 23; in Windsor, 3; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in October: Avon, Beacon Falls, Bethany, Bozrah, Bridgeport, Brookline, Burlington, Canaan, Canterbury,\* Chaplin, Cheshire, Cromwell, Franklin, Glastonbury, Goshen, Hamden, Hebron, Lisbon, Marlborough, Middlebury, New Fairfield, New Hartford, North Branford, Old Lyme, Pomfret, Prospect, Roxbury, Scotland, Sherman, Simsbury, Tolland, Warren, Washington, Wolcott.—Total, 37.

The Registrars of the following towns have made no report for October: Chester, Cornwall, Kent, Lyme, Madison.—Total, 5.

# REMARKS.

By mortality reports received there were 1,228 deaths during the month of October. This was 189 less than in September and 169 less than in October of last year, and 86 less than the average number of deaths during October for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,498	1,366	1,557
February,	1,547	1,552	1,556	1,421	1,313	1,515
March,	1,704	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
April,	1,506	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	1,407	1,210	1,175	1,266	1,216	1,146
Total second quarter,	4,338	4,041	4,289	4,192	4,047	3,680
July,	1,495	1,457	1,635	1,735	1,412	1,496
August,	1,522	1,433	1,449	1,426	1,492	1,410
September,	*1,417	1,391	1,284	1,387	1,292	1,240

Total third quarter,	4,434	4,281	4,368	4,548	4,196	4,146
October,	1,228	1,397	1,345	1,380	1,236	1,215

The death rate was 12.5 for the large towns, for the small towns 12.4, and for the whole State 12.5.

The deaths reported from infectious diseases were 142, being 11.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Brooklyn, 15; Canton, 1; Danielson (borough), 40; Killingly, 5; Montville, 11; Norwich, 6; Preston, 1.—Total, 79 in 7 towns.

**Measles.**—Bridgeport, 16; Danielson (borough), 1; East Haven, 1; Enfield, 11; Fairfield, 3; Farmington, 1; Hartford, 3; Jewett City (borough), 5; Madison, 1; Mansfield, 1; Meriden (city), 6; Middletown (city), 8; Naugatuck, 16; New Haven, 2; New London, 1; North Stonington, 1; Norwalk, 1; Norwich (city), 6; Orange, 1; Portland, 2+; Stamford (city), 20; Stamford (town), 1; Wallingford, 1; Westport, 1; Willimantic (city), 1.—Total, 121+ in 25 towns.

**Scarlet Fever.**—Branford, 3; Bridgeport, 20; Bristol, 1; Danbury (city), 1; East Hartford, 1; Enfield, 1; Greenwich, 12; Griswold, 1; Hartford, 10; Kent, 3; Killingly, 2; Middletown, 1; Milford, 1; New Britain, 4; New Haven, 15; New London, 1; Norwalk, 1; Seymour, 3; Sharon, 2; Somers, 1; Southington, 1; Stamford (city), 1; Thomaston, 1; Waterbury, 13; Watertown, 1; Westport, 1; Willimantic (city), 15; Willington, 1; Windsor, 2.—Total, 120 in 29 towns.

**Cerebro Spinal Fever.**—Hartford, 1.

**Infantile Paralysis.**—Bridgeport, 1; Bridgewater, 1; Enfield, 1; Greenwich, 2; Hamden, 1; Meriden (city), 1; Stamford, 2; Wallingford, 1; Waterbury, 1.—Total, 11 in 9 towns.

**Diphtheria and Croup.**—Ansonia, 11; Bethel, 1; Branford, 2; Bridgeport, 14; Bristol, 1; Coventry, 1; Danbury (city), 12; Danbury (town), 1; Danielson (borough), 1; Derby, 2; Ellington, 1; Enfield, 1; Fairfield, 1; Glastonbury, 2; Greenwich, 10; Guilford, 9; Hamden, 3; Hartford, 40; Huntington, 2; Meriden (city), 4; Meriden (town), 2; Middletown, 1; Milford, 1; Naugatuck, 6; New Britain, 5; New Canaan, 7; New Haven, 42; New London, 1; Norwalk, 1; Norwich (city), 7; Orange, 2; Putnam, 4; Rockville (city), 7; Rocky Hill, 1; Seymour, 2; Shelton (borough), 2; Stamford (city), 5; Stamford (town), 3; Tolland, 1; Torrington, 18; Wallingford, 3; Waterbury, 13; Watertown, 1; Westport, 2; Willimantic (city), 4; Willington, 4.—Total, 264 in 46 towns.

**Whooping Cough.**—Branford "few cases"; Bridgeport, 3; Hartford, 5; Middletown (city), 15; Milford, 4; Oxford, 4; Seymour, 1; Shelton (borough), 4; South Windsor, 4; Tolland, 1; Trumbull, 5; Waterbury, 1; Westport, 2.—Total, 49+ in 13 towns.

**Typhoid Fever.**—Ansonia, 2; Berlin, 2; Bridgeport, 5; Cornwall, 1; Danbury (city), 2; Danbury (town), 1; Darien, 1; Derby, 1; East Hartford, 3; Enfield, 4; Essex, 7; Groton, 1; Hartford, 14; Huntington, 1; Meriden (city), 2; Middletown, 1; New Britain, 2; New Fairfield, 1; New Haven, 11; New London, 4; North Canaan, 1; Norwich (city), 2; Norwich (town), 1; Old Lyme, 1; Orange, 3; Oxford, 2; Plainville, 1; Saybrook, 2; Southington, 3; Stratford, 1; Suffield, 1; Thompson, 3; Torrington, 1; Wallingford, 1; Waterbury, 6; Willimantic (city), 1; Wilton, 1; Winsted (borough), 1.—Total, 95 in 38 towns.

**Consumption.**—Ansonia, 4; Bridgeport, 15; Bristol, 1; Brookfield, 3; Canaan, 1; Danbury (city), 2; Derby, 1; Enfield, 1; Hartford, 17; Huntington, 1; Meriden (city), 7; Middletown, 4; Naugatuck, 2; New Britain, 8; New Haven, 32; North Haven, 1; Norwalk, 2; Norwich (city), 2; Preston, 2; Putnam, 1; Rockville (city), 1; Seymour, 2; Shelton (borough), 2; Simsbury, 4; Southington, 2; Stamford (city), 7; Sterling, 1; Torrington, 1; Waterbury, 9; West Hartford, 1.—Total, 137 in 31 towns.

In addition to the above the Health Officers of 78 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, Fairfield and Middlesex Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Avon, Granby.  
NEW LONDON Co.—Groton (borough).  
WINDHAM Co.—Plainfield.  
LITCHFIELD Co.—Hartwinton, Morris, Roxbury, Salisbury, Washington, Winchester.  
TOLLAND Co.—Bolton.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**Diphtheria and Croup.**—Guilford, 1; New Canaan, 1; Rocky Hill, 1; Thompson, 1; Wilmington, 1.—Total, 5.

**Consumption.**—Bethel, 1; Griswold, 1; Haddam, 1; New Canaan, Newington, 10; Old Saybrook, 1; Preston, 2; Sterling, 1; Thomaston, 1; Waterford, 1; Woodbury, 1.—Total, 21.

Report of specimens examined at the Laboratory of the State Board of Health during the month of October:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	46	50	0	96
release .....	25	68	3	96
School Exams. ....	77	410	0	487
Typhoid Fever.....	48	65	5	118
Tuberculosis .....	34	97	0	131
Malaria .....	2	8	0	10
Glanders .....	7	11	0	18
Rabies .....	0	1	0	1
Syphilis .....	1	2	0	3
Total specimens examined.....				960
Samples of milk analyzed .....				319
"    " water examined .....				60
Sewage and effluents examined .....				6
Oil samples examined.....				3

## LAND DEVELOPMENT AND PUBLIC HEALTH.

Cheap building lots are attractive to the home seeker, but the prospective purchaser ought always to first consider, where he is to secure his water supply and what are the means of sewage disposal, and if only the most primitive conveniences are available, what is likely to be the result to the health and comfort of his family, and to the future value of his property.

It has been said that the only advantage of living in a tenement house rather than in an individual house is, that the sanitary conditions of the former are carefully and regularly supervised while those of the latter are not. This is particularly true in Connecticut where we have adequate laws governing the construction and sanitation of tenement houses, a tenement house being defined in the statutes as a building accommodating three or more families living independent of each other and having a common right to halls, stairways and yard. As the result of the lack of a state-wide building law, certain real estate promoters by causing the building of houses on inadequate sized lots are laying the foundation for future trouble in many of our towns.

It is the practice to purchase a tract of land near a trolley line and adjacent to a city, but outside its limits, where city ordinances will not interfere with building operations. Streets are laid out and the land divided into building lots. The purchaser after building his house, often attempts the impossible feat of locating a well, privy and cesspool and sometimes also a hen house, cow yard or pig pen on a lot 25 x 100 feet.

Our attention has recently been called to a real estate project near Hartford. A piece of land, some of which is little better than a swamp, has been cut up into building lots of 30 feet front and 80 to 100 feet deep. These are being sold on the installment plan to the poorest class of foreigners, who work in Hartford and New Britain. One man with whom we talked had purchased four lots for ten dollars cash and a weekly payment of one dollar. If he makes his payments promptly he will become the owner of the land in about four years. By his own labor and with second-hand material he had constructed a one-room house 12 x 13 feet without cellar and neither wind or water tight. Nearly all the buildings are of this character. The land is too wet and clayey to successfully locate either wells or cesspools and the people mostly get their water from a pond nearby, which receives the surface drainage of the locality. Such schemes are a menace to the health and good name of a town and an injustice to the purchasers, who are ignorant of the importance of hygienic living.

Some of the more pretentious land sales are objectionable in that they do not provide for water supply and sewage disposal. There is bound to be trouble sometime. This is a matter demanding immediate attention either by state law or town regulation.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, November 15, 1913.

\* Three delayed certificates for September have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., OCTOBER, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.
	Max.	Min.	Mean.			
1	56	50	53	.37	Cloudy	0
2	60	53	56	.92	Cloudy	0
3	66	47	56	.00	Partly Cloudy	73
4	71	54	62	.00	Partly Cloudy	74
5	77	55	66	.00	Clear	81
6	66	52	59	.00	Cloudy	4
7	67	61	64	T.	Cloudy	0
8	72	62	67	.02	Cloudy	12
9	71	64	68	.07	Cloudy	2
10	77	65	71	.01	Cloudy	35
11	69	62	66	.02	Cloudy	12
12	62	50	56	.69	Partly Cloudy	37
13	56	40	48	.01	Cloudy	13
14	59	41	50	.04	Partly Cloudy	86
15	62	42	52	T.	Partly Cloudy	80
16	65	53	59	T.	Cloudy	30
17	68	52	60	.00	Partly Cloudy	94
18	65	52	58	.02	Cloudy	26
19	58	52	55	.09	Cloudy	0
20	66	52	59	.96	Cloudy	0
21	54	43	48	.00	Partly Cloudy	35
22	56	39	48	.00	Clear	100
23	60	33	46	.00	Partly Cloudy	73
24	61	46	54	.19	Cloudy	0
25	64	61	62	2.81	Cloudy	0
26	63	51	57	3.03	Cloudy	0
27	62	51	56	.00	Partly Cloudy	47
28	70	50	60	T.	Cloudy	28
29	65	49	57	.00	Partly Cloudy	61
30	53	40	46	.00	Partly Cloudy	54
31	43	32	38	T.	Partly Cloudy	43
Mean	63	50	57	9.25		35

### ATMOSPHERIC PRESSURE.

(Reduced to sea level; inches and hundredths.)

Mean ..... 29.95; highest..... 30.51; date 23  
Lowest..... 29.20; ..... date 20

### TEMPERATURE.

Highest..... 77°; date 5; lowest..... 32°; date 31  
Greatest daily range ..... 27°; ..... date 23  
Least daily range..... 3°; ..... date 25  
Mean highest ..... 63.3°; lowest ..... 50.1°

### MEAN FOR THIS MONTH IN

1905-53° 1906-53° 1907-49° 1908-55° 1909-51° 1910-55° 1911-52° 1912-56°  
1913-57°

Mean for this month..... 56.7°  
Normal for this month ..... 51.2°  
Absolute maximum for this month for 10 years..... 90°  
Absolute minimum for this month for 10 years ..... 25°  
Average daily excess of this month as compared with the normal..... 5.5°  
Accumulated excess (+) since January 1 ..... 919.0°  
Average daily excess (+) since January 1 ..... 3.0°

### PRECIPITATION.

Total this month ..... 9.25  
Greatest precipitation in 24 hours 3.52, date..... 25-26  
Normal for this month ..... 3.86  
Excess (-) of this month as compared with the normal..... 5.39  
Accumulated excess (-) since January 1 ..... 1.30

### TOTAL PRECIPITATION THIS MONTH IN

1905-2.23 1906-5.54 1907-4.53 1908-1.67 1909-1.40 1910-0.77  
1911-7.30 1912-1.26 1913-9.25

### WIND.

Prevailing direction..... North  
Total movement ..... 5,184 miles  
Average hourly velocity ..... 7.0  
Maximum velocity (in five minutes) 37 miles per hour,  
from S. W. on 20th.

### WEATHER.

Number of days, clear..... 2  
Partly cloudy..... 12  
Cloudy..... 17  
On which .01 inch, or more, occurred..... 15

### MISCELLANEOUS PHENOMENA (dates of).

Halos, solar ..... none  
Halos, lunar ..... 17  
Thunderstorms..... 1, 2, 15  
Dense fog..... none  
Frost; light, 13; heavy, 22; killing ..... 23

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 83 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF NOVEMBER, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the towns of more than 5,000 inhabitants, for the Month of November, 1913, and a Statement of the Births and Marriages for the Month of October, 1913.

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in October.	Still Births in October.	Marriages in October.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 1 year.	Percentage of Deaths under 5 years to total 1 to 5 years.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria and Croup.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malarial Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia, .....	15,893	51	1	29	17	12.8	4	1	29.4	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	2	.....	.....	1	.....	.....	1	9
Branford, .....	6,149	15	1	5	6	11.7	22	13	28.9	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	4	.....	5	.....	.....	.....	.....	.....	2	3
Bridgeport, .....	111,371	314	4	133	121	11.9	22	13	28.9	.....	2	.....	.....	2	.....	.....	.....	.....	.....	1	.....	5	.....	.....	.....	.....	.....	11	7
Bristol, .....	14,659	25	.....	14	8	6.5	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	29
Danbury, .....	24,710	35	2	12	35	10.9	8	.....	22.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	20
Derby, .....	9,309	29	1	19	11	10.3	1	18.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford, .....	8,657	18	.....	7	9	12.4	1	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield, .....	10,625	29	1	17	8	9.0	4	1	62.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield, .....	6,627	12	2	5	5	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich, .....	17,750	29	2	7	16	10.8	4	2	37.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton, .....	6,654	12	.....	6	7	12.6	1	.....	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamden, .....	6,217	19	.....	4	7	13.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, .....	104,634	248	11	142	100	14.2	24	7	19.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington, .....	6,836	16	1	11	10	10.5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly, .....	6,483	9	2	11	6	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, .....	14,553	30	1	24	4	3.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden, .....	33,977	68	1	47	43	15.2	8	1	20.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown, .....	21,727	46	.....	21	36	9.9	3	2	13.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck, .....	13,376	23	1	15	13	11.6	1	2	23.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain, .....	48,630	162	6	85	32	7.8	6	4	31.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven, .....	141,278	238	15	163	158	12.6	23	8	19.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London, .....	20,202	54	1	28	24	14.1	3	2	26.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford, .....	5,071	12	.....	5	5	11.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk, .....	25,404	42	.....	28	17	7.5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich, .....	29,203	48	3	34	31	11.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange, .....	12,555	13	1	13	16	15.2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield, .....	7,288	16	.....	9	5	8.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth, .....	5,678	14	.....	7	4	8.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Punam, .....	7,260	9	.....	11	17	16.5	3	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour, .....	5,159	12	.....	10	6	13.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington, .....	6,793	20	2	7	6	10.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford, .....	5,513	8	.....	3	7	15.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford, .....	31,835	63	2	41	32	17.6	4	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington, .....	9,338	15	.....	13	11	14.1	2	1	27.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford, .....	6,328	14	1	4	2	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington, .....	18,156	39	.....	16	13	8.5	3	3	46.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon, .....	9,268	16	1	9	6	7.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford, .....	11,801	30	2	10	10	10.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury, .....	79,741	174	6	76	88	12.3	12	15	36.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford, .....	5,294	2	1	1	3	6.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Winchester, .....	8,953	25	.....	7	14	18.7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham, .....	13,344	28	.....	16	17	13.4	1	3	23.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns, .....	953,579	2078	72	1135	1040	13.0	157	72	22.0	.....	5	2	4	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
126 towns of less than 5,000 inhabitants,	223,042	307	13	471	233	12.5	23	12	15.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 169 towns, .....	1,176,621	2385	85	1306	1273	13.1	180	84	20.7	.....	5	5	5	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 41; in Danbury, 6; in Derby, 5; in Greenwich, 3; in Hartford, 70; in Huntington, 4; in Meriden, 7; in Middletown, 23; in New Britain, 3; in New Haven, 50; in New London, 6; in Norwich, 1; in Norwalk, 9; in Putnam, 3; in Stamford, 3; in Waterbury, 29; in Winchester, 1; and in Windham, 3. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns.

The following towns are reported as having no deaths in November: Andover, Ashford, Avon, Barkhamsted, Bolton, Canterbury, Chaplin, Chester, Colchester, Cornwall, Durham, Eastford, Easton, Hampton, Hartland, Hebron, Kent, Ledyard, Lyme, Marlborough, Morris, North Haven, North Stonington, Pomfret, Prospect, Redding, Sherman, Somers, Sprague, Tolland, Union, Voluntown, Warren, Westbrook, Wolcott, Woodbridge, and Total, 37.

\* Includes deaths in State Sanatorium.

# REMARKS.

By mortality reports received there were 1,273 deaths during the month of November. This was 36 more than in October and 20 more than in November of last year, and 51 more than the average number of deaths during November for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,601	1,760	1,468	1,366	1,557
February,	1,547	1,552	1,556	1,421	1,313	1,515
March,	1,704	1,668	1,692	1,632	1,572	1,456
Total first quarter,	4,865	4,821	5,008	4,551	4,251	4,528
April,	1,506	1,425	1,679	1,509	1,501	1,330
May,	1,425	1,406	1,435	1,417	1,330	1,204
June,	1,407	1,210	1,175	1,266	1,216	1,146
Total second quarter,	4,338	4,041	4,289	4,192	4,047	3,680
July,	1,495	1,457	1,635	1,735	1,412	1,496
August,	1,533	1,433	1,449	1,426	1,492	1,410
September,	1,417	1,391	1,284	1,387	1,292	1,240
Total third quarter,	4,445	4,281	4,368	4,548	4,196	4,146
October,	*1,237	1,397	1,345	1,380	1,236	1,215
November,	1,273	1,253	1,196	1,252	1,265	1,144

The death rate was 13.0 for the large towns, for the small towns 12.5, and for the whole State 13.1.

The deaths reported from infectious diseases were 160, being 12.5 per cent. of the total mortality.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Brooklyn, 10; Canton, 1; Danielson (borough), 10; Hartford, 1; Montville, 1; New London, 2; Norwich, 7; Plainfield, 5; Putnam, 1.—Total, 38 in 9 towns.

**Measles.**—Bridgeport, 40; Canterbury, 1; Chester, 2; Derby, 2; Easton, 1; Enfield, 8; Farmington, 1; Granby, 37; Greenwich, 2; Groton (borough), 1; Hamden, 1; Hampton, 2; Hartford, 4; Jewett City (borough), 1; Lebanon, 4; Meriden (city), 6; Middletown (city), 100; New Britain, 3; New Haven, 2; Newtown, 1; North Stonington, 1; Plainfield, 1; Sherman, 1; Southbury, 6; Southington, 1; Stamford (city), 39; Stamford (town), 1; Wallingford, 1; Waterbury, 4; Westport, 6; Willimantic (city), 2.—Total, 282 in 31 towns.

**Scarlet Fever.**—Ansonia, 6; Branford, 6; Bridgeport, 16; Bristol, 1; Canaan, 1; Canton, 1; Danbury (city), 1; Essex, 1; Greenwich, 1; Hartford, 13; Jewett City (borough), 1; Kent, 2; Killingly, 1; Manchester, 3; Mansfield, 1; Middletown (city), 2; Middletown (town), 1; Naugatuck, 1; New Britain, 2; New Haven, 12; New London, 1; Newtown, 1; Norwalk (city), 4; Orange, 1; Plainfield, 1; Plymouth, 1; Putnam, 3; Salisbury, 4; Saybrook, 2; South Windsor, 7; Stamford (city), 2; Thomaston, 1; Torrington, 5; Wallingford, 1; Waterbury, 3; Watertown, 3; Willimantic (city), 6; Windsor, 6; Wolcott, 2.—Total, 155 in 39 towns.

**Cerebro Spinal Fever.**—Woodbury, 1.

**Infantile Paralysis.**—Bridgeport, 2; Hartford, 1; New Haven, 1; Wallingford, 1.—Total, 4 in 4 towns.

**Diphtheria and Croup.**—Ansonia, 9; Berlin, 4; Branford, 15; Bridgeport, 26; Bristol, 2; Danbury (city), 20; Danbury (town), 3; Darien, 1; Derby, 2; East Haddam, 3; East Hartford, 1; East Haven, 1; East Windsor, 1; Enfield, 3; Glastonbury, 2; Greenwich, 8; Guilford, 4; Hamden, 7; Hartford, 42; Hartwinton, 2; Manchester, 1; Meriden (city), 4; Middletown (town), 1; Montville, 1; Naugatuck, 18; New Britain, 6; New Haven, 53; New Milford, 6; Norwalk (city), 10; Norwich, 1; Orange, 2; Plainfield, 1; Plainville, 1; Plymouth, 1; Putnam, 10; Rocky Hill, 1; Rockville (city), 15; Shelton (borough), 6; South Windsor, 1; Stamford (city), 6; Stamford (town), 3; Suffield, 1; Thompson, 3; Torrington, 21; Vernon, 3; Wallingford, 8; Waterbury, 23; Westport, 1; Willimantic (city), 5; Willington, 2; Windsor Locks, 4.—Total, 391 in 51 towns.

**Whooping Cough.**—Branford, 1; Bridgeport, 1; Bristol, 4; Chaplin, 6; Darien, 1; Hartford, 1; Middletown (city), 40; New London, 1; Redding, 3; Seymour, 3; Stamford (city), 2; Stamford (town), 1.—Total, 66 in 12 towns.

**Typhoid Fever.**—Ansonia, 1; Bloomfield, 1; Bridgeport, 3; Canterbury, 1; Cornwall, 1; Danbury (city), 2; Danbury (town), 1; East Hartford, 2; Enfield, 7; Essex, 1; Greenwich, 2; Hartford, 12; Lisbon, 2; Manchester, 2; Meriden (city), 2; Middletown (city), 1; Milford, 1; New Britain, 1; New Fairfield, 1; New Haven, 12; New London, 1; Norwalk (city), 13; Norwich (city), 3; Rockville (city), 1; Seymour, 6; Southington, 1; Wallingford, 1; Waterbury, 7; Wilton, 1.—Total, 90 in 29 towns.

**Consumption.**—Ansonia, 2; Bridgeport, 11; Bristol, 1; Brookfield, 3; Danbury (city), 2; Darien, 1; East Granby, 2; East Lyme, 1; Enfield, 1; Greenwich, 1; Hamden, 1; Hartford, 26; Lisbon, 1; Litchfield, 1; Madison, 1; Manchester, 3; Meriden (city), 5; Middletown (city), 1; Middle-

town (town), 7; Naugatuck, 3; New Britain, 3; New Haven, 24; Norwalk (city), 4; Norwich (city), 2; Orange, 1; Preston, 1; Putnam, 1; Seymour, 1; Stamford (city), 6; Trumbull, 1; Wallingford, 2; Waterbury, 14; West Hartford, 1; Willimantic (city), 1; Windham, 1; Winsted (borough), 1.—Total, 138 in 36 towns.

In addition to the above the Health Officers of 76 towns report that they have not been notified of any infectious diseases.

All the Health Officers of New Haven, New London, Fairfield, Litchfield and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

HARTFORD Co.—Simsbury.

WINDHAM Co.—Scotland.

MIDDLESEX Co.—Haddam, Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

**La Grippe.**—Oxford, 1; South Windsor, 1; Trumbull, 1.—Total, 3.

**Diphtheria and Croup.**—Windsor Locks, 1.

**Whooping Cough.**—Canton, 1.

**Typhoid Fever.**—Simsbury, 1.

**Consumption.**—Bethel, 1; East Granby, 2; Farmington, 1; Lebanon, 1; Litchfield, 1; Madison, 1; Newington, 4; Preston, 2; Rocky Hill, 1; Simsbury, 1; Trumbull, 1; Washington, 1; Watertown, 1; Windsor, 2.—Total, 20.

Report of specimens examined at the Laboratory of the State Board of Health during the month of November:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	46	108	0	154
release .....	13	113	0	126
School Exams. ....	39	512	0	551
Typhoid Fever .....	26	36	4	66
Tuberculosis .....	25	79	0	104
Malaria .....	0	8	0	8
Glanders .....	7	15	2	24
Rabies .....	0	2	0	2
Syphilis .....	5	14	5	24
Miscellaneous .....	0	2	0	2
Total specimens examined .....				1061
Samples of milk analyzed .....				264
" " water examined .....				38
Sewage and effluents examined .....				2
Oil samples examined .....				4

## SMALL POX AND VACCINATION

The continued presence of small pox in the state makes it again necessary to call attention to the importance of a more general vaccination against small pox. During the past fall the disease has prevailed extensively in the eastern part of the state, the extreme mildness of many of the cases, which did not come under the care of a physician, contributing to its spread.

The experience of a hundred years throughout the civilized world has proved the absolute protection against small pox afforded by successful vaccination with reliable lymph, and repeated with sufficient frequency. The protection secured by a single vaccination is not perpetual in all persons. Therefore re-vaccination should be had after a few years, especially if the disease is prevalent. All men of experience are agreed that no quarantine, however rigid and well carried out, will always prevent the spread of small pox. There are always mild unrecognized cases, which never see a physician and which go on spreading the disease after the severe cases are quarantined. How easy the disease may be contracted is shown by an incident in New London recently, where a homeless woman with two children suffering with small pox spent the night in the railroad station, exposing many travelers to infection. Quarantine has not stamped out scarlet fever or diphtheria and it will not stamp out small pox. The expense to a community of maintaining a strict quarantine is often enormous. The outbreaks of small pox in Naugatuck and Willimantic last year cost the public treasuries of those towns over fifty thousand dollars, in addition to the loss to individuals. The protection afforded by a successful vaccination is so certain, while quarantine is so ineffectual and expensive, that in some states the quarantining of small pox has been discontinued and the burden of protecting himself put on the individual and not upon the public. Houses are placarded and the public warned to get vaccinated. In this way the money expended for isolation hospitals, special guards, special fees, etc., is saved for a much better public use. Vaccination and vaccination alone will prevent small pox.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, December 15, 1913.

\* Nine delayed certificates have been received since the publication of the last Bulletin.

# U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., NOVEMBER, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.				Mean	Lowest
1	50	27	38	.00	Clear	77	30.13; highest..... 30.68; date 28	29.19; ..... date 9
2	53	41	47	.00	Partly Cloudy	69	<b>TEMPERATURE.</b>	
3	57	36	46	.00	Partly Cloudy	33	Highest..... 70°; date 20; lowest..... 26°; date 27	
4	54	42	48	.03	Partly Cloudy	54	Greatest daily range ..... 29°; ..... date 6	
5	50	34	42	.00	Clear	100	Least daily range ..... 5°; ..... date 16	
6	64	35	50	.00	Clear	94	Mean highest ..... 52.0°; lowest ..... 37.0°	
7	65	39	52	.00	Clear	87	<b>MEAN FOR THIS MONTH IN</b>	
8	61	42	52	.11	Cloudy	0	1905-40° 1906-41° 1907-42° 1908-41° 1909-45° 1910-39° 1911-40° 1912-44°	
9	66	50	58	.57	Cloudy	0	1913-44°	
10	50	32	41	.00	Partly Cloudy	20	Mean for this month..... 44.5°	
11	40	28	34	.00	Clear	80	Normal for this month ..... 39.5°	
12	44	33	38	.00	Partly Cloudy	66	Absolute maximum for this month for 10 years..... 74°	
13	52	39	46	T.	Cloudy	26	Absolute minimum for this month for 10 years ..... 14°	
14	52	38	45	.08	Cloudy	0	Average daily excess of this month as compared with the normal..... 5.0°	
15	42	31	36	.00	Partly Cloudy	80	Accumulated excess (+) since January 1 ..... 1069.0°	
16	36	31	34	.33	Cloudy	0	Average daily excess (+) since January 1 ..... 3.2°	
17	47	32	40	.00	Clear	90	<b>PRECIPITATION.</b>	
18	62	34	48	.00	Partly Cloudy	93	Total this month ..... 2.12	
19	60	48	54	T.	Cloudy	9	Greatest precipitation in 24 hours 0.82, date..... 28-29	
20	70	53	62	.18	Cloudy	77	Normal for this month ..... 3.82	
21	62	44	53	.00	Clear	88	Deficiency (-) of this month as compared with the normal... 1.70	
22	62	49	56	.00	Partly Cloudy	45	Accumulated deficiency (-) since January 1..... 0.40	
23	69	45	57	T.	Cloudy	49	<b>TOTAL PRECIPITATION THIS MONTH IN</b>	
24	45	37	41	.00	Cloudy	30	1905-1.77 1906-2.90 1907-4.74 1908-0.92 1909-2.01 1910-4.36	
25	42	36	39	.00	Clear	100	1911-4.18 1912-3.53 1913-2.12	
26	50	32	41	.00	Cloudy	16	<b>WIND.</b>	
27	36	26	31	.00	Cloudy	58	Prevailing direction..... N.W.	
28	39	27	33	.02	Cloudy	0	Total movement ..... 5,955 miles	
29	39	32	36	.80	Cloudy	0	Average hourly velocity ..... 8.3	
30	42	36	39	T.	Cloudy	19	Maximum velocity (in five minutes) 38 miles per hour, from S. E. on 9th.	
Mean	52	37	44	2.12		49	<b>WEATHER.</b>	
							Number of days, clear..... 8	
							Partly cloudy..... 8	
							Cloudy..... 14	
							On which .01 inch, or more, occurred..... 8	
							<b>MISCELLANEOUS PHENOMENA (dates of).</b>	
							Halos, solar..... 12, 15	
							Halos, lunar..... 12, 17	
							Thunderstorms..... none	
							Dense fog..... 8	
							Hail ..... 9	

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 71 p. c.

WEATHER BUREAU.



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# MONTHLY BULLETIN

OF THE

## CONNECTICUT

# STATE BOARD OF HEALTH

FOR THE

## MONTH OF DECEMBER, 1913

# ABSTRACT OF REPORTS OF MORTALITY

And its causes throughout the State, and specially in the Towns of more than 5,000 inhabitants, for the Month of December, 1913, and a Statement of the Births and Marriages for the Month of November, 1913.

Total Estimated population of the State is 1,176,621.

TOWNS.	Estimated Population.	Living Births in November.	Still Births in November.	Marriages in November.	Total Deaths.	Representing Annual Death Rate per 1,000.	Deaths under 15 years.	Percentage of Deaths under 15 years to total Mortality.	Small Pox.	Measles.	Scarlet Fever.	La Grippe.	Cerebro-Spinal Fever.	Diphtheria Group.	Whooping Cough.	Erysipelas.	Typhoid Fever.	Malaria Fever.	Diarrhoea under 5.	Diarrhoea over 5.	Consumption.	Consumption in State Sanatoria.	Pneumonia.	Bronchitis.	Diseases of Nervous System.	Heart Disease.	Accidents and Violence.	All other Diseases.	
Ansonia.....	15,693	36	2	14	10	14.3	3	31.5	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	3	1	.....	.....	.....	2	1	1	8
Brantford.....	6,149	13	.....	3	7	13.0	2	42.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bridgeport.....	111,371	305	12	150	151	15.6	27	21	31.7	.....	.....	.....	.....	4	1	1	.....	.....	.....	.....	12	7	30	.....	.....	.....	10	11	57
Bristol.....	14,659	33	2	15	14	11.4	5	42.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Danbury.....	24,710	45	1	18	20	12.6	4	13.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Derby.....	9,309	30	2	14	23	27.0	6	39.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
East Hartford.....	8,657	20	1	9	12	16.0	3	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	10,625	25	1	27	8	9.0	.....	1	12.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield.....	6,627	16	.....	9	3	5.4	2	66.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenwich.....	17,750	24	1	27	26	16.9	3	15.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Groton.....	6,654	8	2	4	10	19.3	2	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	104,634	245	11	124	164	15.9	29	7	21.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford.....	6,217	12	.....	4	10	19.3	2	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Huntington.....	6,836	19	.....	5	12	22.2	.....	9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Killingly.....	6,483	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester.....	14,553	35	1	12	9	7.4	2	44.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meriden.....	33,977	69	1	34	42	13.4	7	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middletown.....	21,727	44	6	15	49	17.1	4	24.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Naugatuck.....	13,376	17	2	17	13	11.6	4	30.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Britain.....	45,630	142	2	74	45	11.1	16	3	42.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Haven.....	141,278	348	13	155	182	14.6	22	16	20.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	20,292	35	3	25	28	14.7	5	21.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Milford.....	5,071	.....	.....	.....	10	23.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwalk.....	25,494	34	5	32	38	17.4	2	7.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Norwich.....	29,493	47	3	23	43	15.1	6	13.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Orange.....	12,555	17	.....	7	15	14.3	1	6.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plainfield.....	7,288	27	.....	8	10	16.4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	5,678	14	.....	3	10	21.1	1	30.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Putnam.....	7,260	15	1	10	10	16.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Seymour.....	5,159	12	4	1	3	6.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southington.....	6,793	15	.....	2	6	10.7	1	33.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stafford.....	5,513	8	.....	5	5	10.8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stamford.....	31,835	74	1	51	37	13.1	6	29.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stonington.....	9,338	11	1	8	11	14.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stratford.....	6,328	13	.....	6	7	13.2	1	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Torrington.....	18,150	39	4	20	14	9.2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vernon.....	9,268	13	.....	9	12	15.5	2	16.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wallingford.....	11,801	22	.....	7	12	12.2	1	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterbury.....	79,741	196	5	85	104	14.7	26	8	32.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Hartford.....	5,294	2	1	2	4	9.0	.....	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Westchester.....	8,953	14	.....	7	12	13.4	2	1	25.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Windham.....	13,344	19	1	8	19	13.4	1	10.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of the 42 above towns, .....	953,579	2127	89	1037	1259	15.8	209	95	24.1	1	14	7	11	.....	17	6	4	8	.....	17	4	81	28	75	17	110	139	95	531
122 towns of less than 5,000 inhabitants, .....	220,271	325	14	142	297	16.1	38	13	17.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total reported from 164 towns, .....	1,173,850	2452	103	1199	1556	15.9	247	108	22.8	1	14	9	18	1	21	7	4	8	.....	20	5	98	29	96	26	150	178	115	656
Population of towns not reporting, .....	2,771	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The Mortality in Public Institutions of the State was: in Bridgeport, 42; in Danbury, 9; in Derby, 6; in Greenwich, 6; in Hartford, 72; in Huntington, 15; in Meriden, 11; in Middletown, 23; in New Britain, 3; in New Haven, 50; in New London, 5; in Norwich, 6; in Putnam, 3; in Stamford, 8; in Waterbury, 33; in Winchester, 5; and in Windham, 5. Non-residents in these are deducted from the total mortality of their respective towns in estimating the death rates of those towns. The following towns are reported as having no deaths in December: Andover, Avon, Bloomfield, Bridgegewater, Canterbury, Chaplin, Colebrook, Columbia, Cornwall, Eastford, Easton, Goshen, Guilford, Marlborough, Middlebury, Morris, North Stonington, Prospect, Rocky Hill, Salem, Westbrook, Wolcott.—Total, 42. The Registrars of the following towns have made no report for December: Canaan, Hartland, Ledyard, New Fairfield.—Total 4.

# REMARKS.

By mortality reports received there were 1,556 deaths during the month of December. This was 282 more than in November and 67 more than in December of last year, and 122 more than the average number of deaths during December for the five years preceding.

	1913	1912	1911	1910	1909	1908
January,	1,614	1,600	1,760	1,498	1,367	1,557
February,	1,547	1,567	1,556	1,421	1,313	1,515
March,	1,704	1,681	1,692	1,632	1,575	1,456

Total first quarter,	4,865	4,848	5,008	4,551	4,255	4,528
April,	1,507	1,428	1,679	1,505	1,508	1,330
May,	1,425	1,406	1,435	1,421	1,332	1,204
June,	1,408	1,213	1,175	1,266	1,214	1,146

Total second quarter,	4,340	4,047	4,289	4,192	4,054	3,680
July,	1,498	1,454	1,635	1,735	1,416	1,496
August,	1,534	1,433	1,449	1,426	1,492	1,410
September,	1,420	1,391	1,284	1,387	1,293	1,240

Total third quarter,	4,452	4,278	4,368	4,548	4,201	4,146
October,	1,239	1,397	1,345	1,381	1,237	1,215
November,	*1,274	1,256	1,196	1,252	1,266	1,144
December,	1,556	1,489	1,438	1,576	1,471	1,287

Total fourth quarter,	4,069	4,142	3,889	4,209	3,974	3,646
Total for year,	17,726	17,315	17,554	17,500	16,484	16,000

The death rate was 15.8 for the large towns, for the small towns 16.1, and for the whole State 15.9.

The following number of Cases of Infectious Diseases were reported to this Office by the Health Officers of the following towns:

**Small Pox.**—Brooklyn, 2; Danielson (borough), 1; East Hartford, 1; Hartford, 5; Killingly, 2; New London, 2; Norwich, 10; Plainfield, 11; Sprague, 3; Stafford, 8; Stafford Springs (borough), 1.—Total, 46.

**Measles.**—Ansonia, 1; Bethel, 1; Bridgeport, 104; Canton, 8; Cromwell, 3; Derby, 3; East Haven, 2; Enfield, 10; Fairfield, 3; Farmington, 1; Granby, 2; Hartford, 15; Huntington, 32; Lyme, 1; Meriden (city), 22; Meriden (town), 4; Middletown (city), 205; Middletown (town), 3; Milford, 3; Naugatuck, 2; New Britain, 2; New Haven, 14; New London, 2; New Milford, 1; Newtown, 1; Norwalk (city), 5; Orange, 6; Plymouth, "German" 25; Portland, 10+; Ridgefield (town), 7; Ridgefield (borough), 14; Seymour, 1; Somers, 1; Southbury, 2; Southington, 1; Stamford (city), 103; Stratford, 6; Torrington, 3; Trumbull, 3; Wallingford, 17; Waterbury, 3; West Hartford, 1; Willimantic (city), 2; Woodstock, 1.—Total, 746+ in 43 towns.

**Scarlet Fever.**—Ansonia, 6; Ashford, 1; Berlin, 1; Branford, 20; Bridgeport, 13; Bristol, 5; Columbia, 1; Danbury (city), 1; Derby, 8; Enfield, 1; Essex, 1; Glastonbury, 3; Greenwich, 1; Groton (borough), 1; Hartford, 14; Killingly, 2; Manchester, 5; Mansfield, 1; Monroe, 1; New Britain, 2; New Haven, 3; New London, 1; Newtown, 1; North Branford, 1; Norwalk (city), 7; Norwich (city), 2; Orange, 1; Oxford, 3; Plymouth, 1; Saybrook, 9; Shelton (borough), 2; South Windsor, 4; Stamford (city), 1; Stonington, 1; Torrington, 1; Voluntown, 1; Warren, 1; Waterbury, 14; Watertown, 2; Willimantic (city), 5; Willington, 1; Windsor, 3; Woodbridge, 1.—Total, 183 in 43 towns.

**Cerebro Spinal Fever.**—Bridgeport, 1; Hartford, 1; New Britain, 1; Waterford, 1.—Total, 4 in 4 towns.

**Infantile Paralysis.**—Bristol, 1; Stamford (city), 1.—Total, 2.

**Diphtheria and Croup.**—Ansonia, 6; Berlin, 1; Branford, 14; Bridgeport, 34; Bristol, 2; Burlington, 1; Danbury (city), 11; Danbury (town), 1; East Haddam, 1; East Haven, 1; Enfield, 2; Farmington, 2; Greenwich, 11; Guilford, 2; Hamden, 2; Hartford, 48; Jewett City (borough), 1; Meriden (city), 2; Middletown (city), 2; Middletown (town), 1; Milford, 1; Naugatuck, 17; New Britain, 8; New Canaan, 3; New Haven, 50; New Milford, 2; Norwalk (city), 10; Norwich (city), 2; Norwich (town), 1; Orange, 2; Putnam, 3; Rockville (city), 7; Rocky Hill, 3; Salisbury, 5; Southington, 1; South Windsor, 1; Stamford (city), 2; Stamford (town), 1; Stratford, 1; Thompson, 2; Torrington, 7; Vernon, 2; Waterbury, 35; Westport, 1; Willimantic (city), 5; Willington, 2; Windsor Locks, 16; Winsted (borough), 5; Woodbridge, 1.—Total, 362 in 50 towns.

**Whooping Cough.**—Avon, "epidemic"; Bridgeport, 1; Bristol, 4; Brooklyn, "prevalent"; Canton, 13; Darien, 4; Derby, 2; Glastonbury, "several"; Hartford, 4; Middletown (city), 3; New Britain, "many"; New London, 1; North Haven, 7; Simsbury, 7+; Stamford (city), 6; West Hartford, 5.—Total, 57+ in 16 towns.

**Typhoid Fever.**—Bloomfield, 1; Bristol, 1; Danbury (city), 1; East Hartford, 1; Granby, 1; Hartford, 4; Huntington, 1; Meriden, 1; Middletown (city), 2; Middletown (town), 1; Naugatuck, 2; New Britain, 1; New Haven, 6; Norwalk (city), 1; Putnam, 1; Saybrook, 1; Seymour, 2; Simsbury, 4; Stamford (city), 2; Wallingford, 6; Waterbury, 1.—Total, 41 in 21 towns.

**Tuberculosis.**—Ansonia, 2; Beacon Falls, 1; Bridgeport, 18; Bristol, 2; Brookfield, 3; Canaan, 1; Derby, 2; East Hartford, 1; East Windsor, 2; Enfield, 2; Essex, 1; Fairfield, 2; Granby, 1; Greenwich, 2;

Hartford, 2; Killingly, 1; Meriden (city), 2; Meriden (town), 1; Middletown (city), 1; Middletown (town), 4; Milford, 1; Naugatuck, 1; New Britain, 3; New Canaan, 2; New Haven, 44; New Milford, 1; Norwalk (city), 3; Norwich (city), 1; Plainfield, 1; Portland, 1; Preston, 3; Southington, 1; Stamford (city), 7; Stonington (borough), 1; Wallingford, 1; Washington, 1; Waterbury, 12; Watertown, 1; West Hartford, 1; Willington, 1.—Total, 156 in 40 towns.

In addition to the above the Health Officers of 70 towns report that they have not been notified of any infectious diseases.

All the Health Officers of Hartford, New Haven, New London, Fairfield, Windham, and Tolland Counties have reported, but the Health Officers of the following towns have not reported:

MIDDLESEX Co.—Haddam, Middlefield.

The following DEATHS from infectious diseases are reported by the REGISTRARS in towns of less than 5,000 population:

Scarlet Fever.—Oxford, 2.

**La Grippe.**—Chester, 1; East Windsor, 1; Milford, 1; Preston, 1; Saybrook, 1; South Windsor, 1; Woodstock, 1.—Total, 7.

Cerebro Spinal Fever.—Woodbury, 1.

Diphtheria and Croup.—Farmington, 1; Ridgefield, 1; Salisbury, 2.—Total, 4.

Whooping Cough.—Simsbury, 1.

**Consumption.**—Bethel, 1; Bethlehem, 1; Burlington, 1; East Haddam, 1; East Windsor, 1; Griswold, 1; Haddam, 1; Litchfield, 1; Newington, 7; Preston, 2; Salisbury, 1; Somers, 1; Thomaston, 1; Tolland, 1; Waterford, 1; Willington, 1; Woodstock, 1.—Total, 24.

Report of specimens examined at the Laboratory of the State Board of Health during the month of December:

	Pos.	Neg.	Ques.	Total
Diphtheria, diagnosis .....	56	130	3	189
release .....	41	107	7	155
School Exams. ....	20	269	0	289
Typhoid Fever .....	15	46	0	61
Tuberculosis .....	34	104	0	138
Malaria .....	0	5	0	5
Glanders .....	14	22	1	37
Syphilis .....	10	26	9	45
Total specimens examined .....				919
Samples of milk analyzed .....				334
" " water examined .....				47
Sewage and effluents examined .....				6
Oil samples examined .....				4

## VITAL STATISTICS FOR 1913.

With the possible exception of a few delayed certificates the death returns for the year 1913 have all been received, so that we can give some approximate information in advance of the annual registration report, regarding the mortality in the state during the past year. The deaths numbered 17,726, which is 411 more than during the previous year and represents a death rate of 15. per thousand of population as compared with 14.9 in 1912 and 15.5 in 1911.

Regarding deaths from special causes, there were 1,376 deaths from pulmonary tuberculosis, which is 33 less than last year and gives a death rate of 11.7 per thousand of population. In 1912 the death rate was 12.1 and in 1911 it was 12.7.

Pneumonia, with 1864 deaths, has the distinction of causing more deaths than any other single disease. This was 137 more than last year. Under the head of pneumonia are included not only acute lobar pneumonia, but also broncho-pneumonia and terminal pneumonia.

Among sanitarians the world over, the typhoid fever death rate is regarded as a sensitive index of the sanitary condition of a community. The deaths from typhoid numbered 129, one less than last year. This gives, however, a death rate for the state of 10.9 per one hundred thousand population, the lowest on record, and compares favorably with any state in the registration area.

The deaths from diphtheria were 220 as compared with 193 last year. There is no one of the infectious diseases that health officials and school inspectors have worked harder to overcome. The state has furnished free antitoxin for its treatment, and the state, as well as municipal laboratories, have done an immense amount of work in diagnosis and in the detection of carrier cases. Measles and whooping cough show a substantial decrease in the death rate, while from scarlet fever there were more deaths than in the previous year. Small pox has been the cause of one death, the first in the state since 1902.

There were 2,291 deaths of infants under one year of age. This is 139 less than during 1912. Nearly one-third of these deaths occur during the first week of life, mostly from congenital causes. The deaths from accidents, homicides and suicides numbered 1,195.

Respectfully submitted,

JOSEPH H. TOWNSEND, M.D.,

Secretary of the State Board of Health and  
Superintendent of the Registration of Vital Statistics.

HARTFORD, January 15, 1914.

\* Twelve delayed certificates received since publication of the last Bulletin.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

# MONTHLY METEOROLOGICAL SUMMARY.

HARTFORD, CONN., DECEMBER, 1913.

DATE.	TEMPERATURE. (Degrees Fahrenheit.)			Precipitation. (In inches and hundredths.)	Character of Day.	Percentage of Sunshine.	ATMOSPHERIC PRESSURE. (Reduced to sea level; inches and hundredths.)	
	Max.	Min.	Mean.					
1	46	36	41	T.	Cloudy	4	Mean .....	30.00; highest..... 30.44; date 1
2	46	32	39	.00	Cloudy	24	Lowest .....	29.31; ..... date 7
3	53	38	46	.00	Partly Cloudy	81	TEMPERATURE.	
4	45	36	40	.00	Cloudy	0	Highest .....	55°; date 7; lowest..... 12°; date 28
5	51	44	48	.00	Clear	82	Greatest daily range .....	28°; ..... date 8
6	49	36	42	.00	Clear	90	Least daily range .....	6°; ..... date 25
7	55	36	46	.85	Cloudy	0	Mean highest .....	42.9°; lowest ..... 28.2°
8	53	25	39	.10	Cloudy	33	MEAN FOR THIS MONTH IN	
9	38	23	30	.00	Clear	92	1905-34° 1906-27° 1907-34° 1908-32° 1909-28° 1910-25° 1911-36° 1912-36°	1913-36°
10	40	26	33	T.	Cloudy	28	Mean for this month .....	35.6°
11	34	18	26	T.	Cloudy	0	Normal for this month .....	29.8°
12	39	18	28	.00	Partly Cloudy	84	Absolute maximum for this month for 10 years .....	67°
13	49	31	40	.00	Clear	70	Absolute minimum for this month for 10 years .....	0°
14	54	33	44	.00	Clear	69	Average daily excess of this month as compared with the normal .....	5.8°
15	41	28	34	.00	Clear	100	Accumulated excess (+) since January 1 .....	1248.8°
16	42	32	37	.00	Cloudy	0	Average daily excess (+) since January 1 .....	3.4°
17	51	34	42	.00	Partly Cloudy	65	PRECIPITATION.	
18	44	26	35	.00	Partly Cloudy	27	Total this month .....	3.59
19	33	19	26	.00	Clear	100	Greatest precipitation in 24 hours 1.05, date .....	25-26
20	44	27	36	.00	Partly Cloudy	69	Normal for this month .....	3.57
21	48	34	41	T.	Partly Cloudy	46	Deficiency (-) of this month as compared with the normal .....	0.02
22	44	30	37	.56	Partly Cloudy	62	Accumulated deficiency (-) since January 1 .....	0.38
23	42	30	36	.92	Cloudy	0	TOTAL PRECIPITATION THIS MONTH IN	
24	47	36	41	.11	Partly Cloudy	81	1905-3.47 1906-3.83 1907-4.70 1908-3.36 1909-2.83 1910-1.93	1911-3.36 1912-4.46 1913-3.59
25	38	32	35	.15	Cloudy	0	WIND.	
26	36	25	30	.90	Cloudy	0	Prevailing direction .....	N.W.
27	31	20	26	.00	Clear	100	Total movement .....	5,482 miles
28	29	12	20	.00	Partly Cloudy	54	Average hourly velocity .....	7.4
29	31	14	22	.00	Clear	100	Maximum velocity (in five minutes) 35 miles per hour,	from N. W. on 8th.
30	39	21	30	.00	Partly Cloudy	49	WEATHER.	
31	39	23	31	.00	Partly Cloudy	55	Number of days, clear .....	9
Mean	43	28	36	3.59		51	Partly cloudy .....	11
							Cloudy .....	11
							On which .01 inch, or more, occurred .....	7
							MISCELLANEOUS PHENOMENA (dates of).	
							Halos, solar .....	10
							Halos, lunar .....	10, 15, 16
							Thunderstorms .....	none
							Dense fog .....	2
							Sleet .....	25

NOTE.—"T" indicates trace of precipitation.

W. W. NEIFERT, Local Forecaster,

Mean monthly relative humidity, 72 p. c.

WEATHER BUREAU.









